Mohammad Waseel

Software Engineer

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PROFILE

As a passionate Computer Science Engineer, my unwavering enthusiasm for all things computing defines my professional identity. With over 7+ years of experience in tech companies and more than a decade of independent project work and consulting, I've cultivated a deep, hands-on understanding of software development across domains. Driven by insatiable curiosity and a relentless pursuit of knowledge, I thrive on challenges and approach each opportunity with a commitment to excellence. I specialize in crafting high-quality, innovative software applications and take pride in delivering practical, forward-thinking solutions. More than just a problem-solver, I see myself as a game-changer—dedicated to making meaningful contributions in the ever-evolving landscape of computer science through adaptability, expertise, and unwavering follow-through.

PROFESSIONAL EXPERIENCE

Asakta Electronics & Communications Private Limited
Senior Tech Lead Solution Architect
05/2024 – present | Hyderabad, India

- **Led architecture and development** of multiple smart meter projects including Head End System (HES) using Go, AWS Lambda, SQS, Kinesis, PostgreSQL, and DynamoDB; modularized into microservices (connector, scheduler, API backend) with an Angular-based UI and stream processing.
- **Architected and revamped platforms** like SMIS (MDM system) and PMS, utilizing Laravel, Angular, Python (Django), and PHP for data visualization, billing, asset movement, and reporting; implemented GIS-based survey systems and transitioned HES connector from Go to Rust for higher throughput.
- **Enabled tech modernization and delivery excellence** by mentoring teams on Rust, Valkey, dynamic rendering, parallel processing, and deploying with GitLab CI/CD; collaborated with DevOps on scalable AWS RDS-backed deployments and introduced performance-tuned solutions for large-scale energy data.

Revolo Infotech Private Limited
TPM Tech Lead
06/2022 – 04/2024 | Mumbai, India

- Managed cloud platforms (AWS, Azure) and built real-time, server-side applications using modern technologies like Python, Go, and Rust.
- Improved project efficiency and minimized post-deployment issues through strong QA practices and full-stack contributions.
- Led complex, scalable projects with agility, optimizing performance and ensuring timely, high-quality delivery.

Cingularity TEC India Private Limited
Technical Lead Software Engineer
10/2019 – 06/2022 | Banglore, India

- Worked across diverse technologies including Java, Python, .NET, PHP, React, and AngularJS, with a focus on backend development and Python-based web scrapers.

EDUCATION

M.Tech, Computer Science Engineering
Desh Bhagat University
2018 – 2020 | Punjab, india

B.Tech, Computer Science Engineering
Al Falah University
2014 – 2018 | Haryana, India

ACHIEVEMENTS

Transformation of Legacy System to Microservices Architecture
Transformed monolithic app to microservices with Node.js backend, React frontend, and Kafka integration for real-time bus tracking. Improved agility, scalability, and user experience.

- Delivered full-stack solutions using tools like Java Swing, Servlets, Struts, C# Windows Forms, and ASP.NET, while also contributing to frontend development.
- Led the development of "Hidden Smiles," a Microsoft Teams app, handling UI design, backend integration (.NET Core, Laravel), and real-time collaboration features.

Elixir Softech Private Limited
Principal Software Engineer
06/2019 – 10/2019 | Noida, India

- Managed cloud platforms with a focus on AWS and developed real-time sockets using Laravel, while efficiently handling Microsoft database systems for seamless performance.
- Worked with a broad tech stack including Java Swing, Servlets, Struts, C# Windows Forms, ASP.NET, AngularJS, React, Node.js, Express.js, JavaFX, Spring Boot, Hibernate, Next.js, Vue.js, Django, and Flask.
- Applied a modern, adaptable skill set to deliver successful projects across various domains, staying aligned with industry trends and best practices.

Trion Technologies Private Limited
Senior Software Engineer
01/2019 – 06/2019 | Gurugram, India

- Worked with a wide range of technologies including Java Swing, Servlets, Struts, C# Windows Forms, ASP.NET, Angular, React, Node.js, Express.js, JavaFX, Spring Boot, Hibernate, and .NET Core (ASP.NET MVC 5, Entity Framework).
- Contributed to diverse projects involving real-time applications and complex server-side programming, showcasing strong backend development capabilities.
- Demonstrated adaptability by integrating various technologies to deliver robust, domain-specific solutions while staying current with industry trends.

97Pixels Solution & Technologies Private Limited
Framework Software Engineer
07/2018 – 12/2018 | Gurugram, India

- Worked extensively with technologies including Python (Laravel, AdonisJS), Java (Hibernate, JavaFX), Android, WPF, .NET MVC, React, and AngularJS.
- Handled backend development, database design, desktop and mobile app creation, and frontend development using React and AngularJS.
- Delivered robust, platform-specific solutions tailored to project needs, ensuring successful outcomes across diverse domains.

Vincit Software & Consulting Private Limited
Software Engineer
12/2017 – 07/2018 | Gurugram, India

- Utilized Java Swing, Servlets, Struts, C# Windows Forms, ASP.NET Web Pages, AngularJS, and React for full-stack development.
- Specialized in backend web applications and Python-based web scrapers as a core PHP and Python developer.
- Delivered customized solutions across diverse projects, demonstrating adaptability and proficiency in multiple technical environments.

Rapid CMS Revamp with Yii2 Framework
Overhauled company website from static HTML/CSS to dynamic CMS using Yii2 framework. Streamlined content management, improved scalability, and enhanced user experience. Achieved faster development cycles and simplified maintenance for seamless website updates.

Streamlined EMI Report Submission with Custom Python-Django Solution
Developed a tailored architecture solution for a client project, automating the submission of EMI reports to banks via FTPS. Leveraged Python and Django to create a robust system that seamlessly handles file transfers and ensures compliance with bank requirements. Reduced manual effort, improved accuracy, and enhanced efficiency in EMI report submission process.

Empowering Internal Communication: Leading the "Hidden Smiles"
Led development on "Hidden Smiles," a Microsoft Teams application project enhancing internal communication and engagement. Responsibilities included designing interfaces, integrating with Teams using .NET Core and Laravel PHP, and delivering a transformative solution fostering real-time collaboration and positive work culture.

KEY PROJECTS

Head End System (HES) – Real-Time Smart Meter Data Collection and Processing Platform
Asakta - AECPL
The Head End System (HES) is a high-throughput, microservices-based backend platform designed to interface with smart meters in real-time. It processes meter data using distributed services for connection management, scheduling, stream processing, and data ingestion. Built on Go, AWS Lambda, SQS, Kinesis, PostgreSQL, and DynamoDB, the system enables scalable, low-latency data communication between smart meters and downstream analytics services. An Angular-based frontend provides operational visibility and control.
To improve performance and resource efficiency, the HES connector service is being migrated from Go to Rust, and a cross-platform desktop management interface is being developed using Rust Tauri and React (Next.js) as backup connector build upon Java.
Key Contributions:
- Designed and implemented core microservices including connector, scheduler, and backend APIs using Go and AWS serverless architecture.
- Architected the system to ensure real-time ingestion and scalable processing of smart meter data.
- Initiated performance optimization by rewriting the connector in Rust to reduce latency and improve reliability.

Challenges Tackled:
- Achieved high-throughput stream processing using AWS Kinesis and SQS.
- Ensured modularity and maintainability through service isolation and clean API contracts.
- Managed complex deployments using GitLab CI/CD pipelines and collaborated closely with DevOps on AWS provisioning.

Smart Meter Information System (SMIS) – Meter Data Management & Visualization System
Asakta - AECPL
SMIS is a central Meter Data Management (MDM) platform for visualizing, grouping, and managing smart meter data across utility zones. It provides modules for meter allocation, data reporting, and administrative operations, and is transitioning from a PHP-Angular monolith to a modern Python-Django backend with Angular frontend. The system is hosted on AWS, using Laravel for legacy services and RDS for relational data storage.
SMIS supports high-volume data visualization, meter grouping by region (circles, divisions), and report generation, while also integrating with other platforms like billing processors and GIS systems.
Key Contributions:
- Acted as Solution Architect for SMIS, driving its modernization from PHP to Django.
- Designed and optimized data structures for hierarchical meter grouping and analytics.
- Integrated Valkey (Redis fork), multiprocessing, and dynamic rendering for efficient data visualization.

Challenges Tackled:
- Maintained legacy system stability while enabling a phased migration to a new tech stack.

Contributed to the Acquisition of Mr.Milkman: Revolutionizing Dairy Operations with SaaS
Played a pivotal role in the development of Mr.Milkman, a dairy supply chain SaaS startup that was recently acquired by Dairy.com. Initially built with Angular and PHP, the platform was successfully migrated to Python Django-based microservices architecture. This innovative software enables dairies to manage end-to-end operations, gather crucial data, and track performance efficiently. The acquisition marks a significant milestone in the transformation of dairy operations through cutting-edge technology.

- Enabled flexible reporting and visual insights across large-scale datasets.
- Facilitated smooth deployments and updates via GitLab CI/CD in AWS environments.

Project Management System (PMS) – Asset & Workflow Management for Smart Meter Infrastructure

The PMS is a workflow and asset tracking system designed to manage smart meter logistics, such as transferring meters or poles between stores and tracking installation statuses. It integrates with GIS systems and handles region-wise project tracking. Built using Angular, Python, and PHP modules, the PMS enables detailed project control and auditing across distributed field teams.

The system includes a GIS-based survey tool to record installation points and associate them with the physical infrastructure.

Key Contributions:

- Developed and maintained modules for asset transfers, project tracking, and GIS integration.
- Contributed backend logic in Python and PHP, and built UI components using Angular.
- Enabled better data flow between PMS, GIS, and other meter-related systems.

Challenges Tackled:

- Mapped real-world logistics to digital workflows for asset movements across utility zones.
- Handled spatial data integration with survey outputs and geo-tagged infrastructure.
- Supported multi-role workflows with access-based UI rendering and API access control.

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Asakta - AECPL

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SKILLS

Coding

- JavaScript
- Python
- Java
- C++
- C#
- Go
- .NET
- PHP
- TypeScript
- Dart
- Kotlin
- Objective-C
- Rust

Frameworks

- **PHP**: Laravel, Symfony, CodeIgniter, Zend Framework, Yii, Phalcon, CakePHP, Lumen
- **Node.js**: Express.js, NestJS, Next.js, Fastify, AdonisJS, AnularJS, ReactJS
- **Java**: Spring Boot, Spring MVC, Hibernate, Struts, JSF (JavaServer Faces)
- **.NET / C#**: ASP.NET Core, ASP.NET MVC, WPF, UWP
- **Python**: Django, Flask, FastAPI
- **Go**: Gin, Fiber

Databases

- MySQL
- MariaDB
- PostgreSQL
- Microsoft SQL Server
- SQLite
- Amazon RDS
- MongoDB Redis
- Amazon DynamoDB
- Google Cloud Firestore Elasticsearch
- Redshift
- Cassandra DB
- AWS S3

GUI Frameworks

- Electron
- WPF
- WinForms
- JavaFX
- Qt
- Swing
- Tauri

Hidden Smiles
Revolo Infotech
Hidden Smiles aimed to boost communication and engagement within companies by creating a Microsoft Teams application. It facilitated interaction among employees during meetings, allowing them to give kudos to each other, which could be converted into rewards redeemable as gifts, coupons, and subscriptions.
Key features included:
- Seamless interaction within Teams
- Backend management functionalities
- React-based user interface
- Azure integration
- Real-time communication using WebSockets

Responsibilities and Achievements:
- Led the development team, ensuring alignment with project objectives and timelines
- Designed the architecture and solution framework to meet project requirements
- Gathered requirements from stakeholders and translated them into technical specifications
- Designed user interfaces using React.js for an intuitive user experience within the Teams environment
- Utilized Azure services for deployment, management, and single sign-on authentication
- Integrated WebSockets for real-time communication between frontend and backend components
- Conducted comprehensive testing to ensure reliability, scalability, and security

Challenges Addressed:
- Integration complexities with the Teams environment and other platforms
- Managing authentication across multiple platforms
- Ensuring scalability and performance during peak usage periods

Equirius
Revolo Infotech
Equirius ERP System is a comprehensive ERP solution developed for **Equirius Wealth** and **Equirius Securities**, leading financial services firms offering investment and wealth management solutions. Built using .NET MVC and Core PHP, the system encompasses modules for stock sourcing, money markets, deal flow, security bonds, and MIS reports. It also includes features for IPO filing, client management, and a landing site.
The system was deployed on **Azure Cloud** using **GitLab pipelines**, ensuring efficient management and reporting to regulatory bodies like **NSE** and **BSE**. A notable feature is **device pairing**, which allows access only from authorized devices paired by managers or administrators. Additional security layers include IP-based module restrictions and port firewall configurations.
Key Responsibilities and Contributions:
- Led the development of the ERP system, coordinating with teams for module development and integration
- Implemented backend functionalities and frontend design using .NET MVC and Core PHP
- Designed and developed landing pages, IPO filing portals, and client interfaces within the ERP
- Ensured seamless deployment on Azure Cloud using GitLab pipelines
- Implemented device pairing functionality and security restrictions for user authentication and controlled access

STRENGTHS

Leadership Excellence
Exceptional leadership skills coupled with strong communication abilities and adept project management capabilities.

Understanding Software Implementation Requirements
Proficient in comprehending software implementation requirements, leading development efforts, and motivating teams to achieve project goals through guidance and support.

CERTIFICATES

- PMP
- Java EE
- Java SE
- Rust
- Go
- PHP
- AWS SAA
- TNE

- Addressed complexities in module development and integration to meet diverse business requirements
- Implemented robust security measures including IP and port-based access control to safeguard sensitive financial data
- Ensured compliance with NSE and BSE standards for deal flow and regulatory reporting

Yellow Bus
Revolo Infotech
Yellow Bus Track is a real-time school bus tracking application with a comprehensive system for monitoring school buses. The project aimed to enhance Yellow Bus Track by migrating from SiddhiQL to a microservices architecture, ensuring smooth transition while maintaining scalability and performance.
Key Responsibilities and Contributions:
- Led the migration process from SiddhiQL dependencies to a new microservices architecture
- Developed new microservices to expand the functionality of the Yellow Bus Track application
- Utilized Redis Sentinel for efficient data caching and retrieval
- Implemented backend functionalities using Node.js and the Express framework
- Leveraged Azure cloud services for deployment and application management
- Integrated GraphQL for efficient querying and data manipulation
- Collaborated on frontend development using React Native to ensure a seamless user experience
- Conducted thorough testing to ensure reliability, scalability, and security

Challenges Addressed:
- Transitioning away from SiddhiQL to a scalable microservices architecture
- Developing and integrating new microservices while ensuring compatibility with existing features
- Ensuring smooth data and functionality migration without disrupting the user experience
- Managing complexities of asynchronous communication between microservices
- Addressing performance and scalability concerns to efficiently handle real-time tracking data

Farmhive
Revolo Infotech
Farmhive is an innovative agricultural connectivity platform designed to revolutionize the way farmers, traders, processors, agri-advisory services, and governmental entities interact. Acting as a **comprehensive marketing hub**, **e-marketplace**, and **aggregator**, Farmhive facilitates seamless communication across the agricultural ecosystem while addressing key industry challenges. With a strong focus on **quality management**, **traceability**, and **value chain analysis**, the platform provides tailored solutions for ensuring on-time availability, quality assurance, and dissemination of agricultural schemes. Built using **MongoDB**, **PHP**, **React Native**, and **Node.js** with **Socket.io** for real-time data streaming, Farmhive is deployed on **Google Cloud Platform (GCP)** with **Jenkins** for continuous integration and deployment.
Key Responsibilities and Contributions:

- Led the development and implementation of Farmhive's multifunctional platform, coordinating with cross-functional teams
- Utilized MongoDB, PHP, React Native, and Node.js for backend and frontend development with real-time capabilities via Socket.io
- Designed and developed core features including the marketing hub, e-marketplace, and aggregator functionalities
- Ensured seamless deployment on GCP using Jenkins for efficient CI/CD pipelines
- Addressed challenges in real-time data streaming and optimized supply-demand chain management
- Streamlined real-time data flow for improved monitoring and data-driven decision-making
- Managed complexities of agricultural supply chains to ensure reliable connectivity across all stakeholders
- Enabled interoperability and seamless integration among farmers, service providers, and government agencies

Rafai WebTrans
Cingularity Tec
Web-Trans is a comprehensive ERP solution designed for **Transport and Logistics Companies** to address common industry challenges such as online/offline system conflicts, frequent customizations, manpower dependency, high vendor costs, protocol violations, system redundancy, and upgrade difficulties. Built with advanced technologies and a **proprietary framework**, Web-Trans ensures **customization**, **performance**, and **system stability**. The web-based ERP software includes integrated modules such as **Operations**, **Financial Accounting System**, **Fleet Management**, **CRM**, **MIS**, **HRMS**, and **Sales & Marketing**, catering to the diverse operational needs of transport enterprises.
Key Responsibilities and Contributions:
- Led the development and implementation of Web-Trans, coordinating with cross-functional teams
- Utilized a multi-layer architecture built on .NET Core 3 and Entity Framework for scalable and secure backend operations
- Designed and developed frontend interfaces using Angular to deliver a seamless and intuitive user experience
- Deployed and maintained the application on **Windows Server 2012** and **Microsoft SQL**, leveraging **Azure-based services**
- Addressed challenges in system customization, integration, and data consistency within the proprietary framework
- Ensured robust data security and compliance with transport industry standards and protocols

Challenges Addressed:
- Managed conflicts between online and offline system functionalities
- Handled frequent customizations without disrupting overall system performance
- Reduced dependency on manual manpower by automating key operations
- Overcame technical barriers in system upgrades and ensured smooth maintenance processes

Trucknetic
Cingularity Tec
Trucknetic is a next-generation truck booking platform that transforms logistics with **instant access**, **real-time updates**, and **seamless connectivity** between shippers and carriers. Designed as an **Uber-like service**, it streamlines intra-city, inter-city, and packers & movers operations through **AI/ML-powered analytics** and **IoT-based tracking**. The app offers users a wide range of truck options, live tracking, and in-transit insurance, delivering convenience and transparency throughout the logistics journey.
Key Responsibilities and Contributions:
- Spearheaded full-stack development, including web, desktop, API creation, and deployment
- Integrated **ICICI Bank APIs** for real-time payments and lead management
- Managed **CI/CD pipelines on AWS** using GitHub for efficient version control and deployment
- Built a scalable backend using **Core PHP** and **Laravel** frameworks
- Contributed to frontend development of web and desktop applications using **React Native**
- Ensured seamless user experience through robust integration and real-time data handling

Challenges Addressed:
- Navigated complexities in integrating diverse APIs and resolving platform dependencies
- Managed cross-platform **authentication challenges** to ensure secure, unified access
- Scaled the application to handle increasing user traffic and high transaction volumes
- Optimized performance and reliability under varying network conditions and peak loads
- Implemented strong **data security** protocols to safeguard sensitive logistics and financial information

ShopR360
Elixir Softech
ShopR360 – Cloud-Based Retail Video Analytics Platform
ShopR360 is a scalable, cloud-based **video analytics solution** designed for global retail chains. The platform leverages custom **Raspberry Pi** devices equipped with **face recognition** to deliver valuable in-store behavioral insights and analytics. Initially developed using **ASP.NET** , the system was later modernized to a **.NET Core microservices architecture**, improving scalability and backend performance.
The system integrates **OpenCV** for facial detection and recognition and utilizes **C++ auto-start applications** on Raspberry Pi devices for real-time data capture. A key technical challenge—frequent **Raspberry Pi SD card failures**—was successfully addressed by implementing **RAM Disks, RAM caching**, and transitioning to **NAS-based storage** with caching enabled.
Key Contributions:
- Collaborated on backend development using **ASP.NET** , followed by **migration to .NET Core microservices** for enhanced modularity and performance.
- Designed and implemented **RESTful APIs and Entity Framework ORM** for smooth interaction between frontend and backend components.
- Worked extensively with **C++ and OpenCV**, integrating face recognition and camera modules into Raspberry Pi devices.

- Developed and implemented **inter-process communication (IPC)** mechanisms for efficient data exchange between system components.
- Contributed to the architectural optimization of the backend, ensuring **scalability, maintainability, and low-latency performance**.

Challenges Tackled:

- Diagnosed and resolved **Raspberry Pi memory card burnout issues** caused by frequent disk writes.
- Implemented **RAM Disk and RAM caching** strategies to reduce write cycles, significantly enhancing device reliability.
- Integrated **NAS-based storage** with caching support to offload local storage pressure on Raspberry Pi devices.
- Ensured stable and consistent performance of edge devices across geographically distributed retail environments.

Let me know if you'd like to format this for a specific audience like recruiters, investors, or internal documentation.

Milkman
Trion Technlogies

Milkman is a comprehensive digital platform designed to address operational challenges in the **dairy industry**, specifically for dairy startups and farm-fresh milk ventures. It streamlines complex workflows such as **milk collection**, **distribution**, and **sales**, aiming to modernize traditional dairy practices through technology-driven efficiency, accuracy, and transparency. Built with a **user-centric approach**, Milkman serves **dairy farmers**, **distributors**, and **consumers**, offering a seamless interface for interaction and transactions.

Key Responsibilities and Contributions:

- Led the design and deployment of a **microservices architecture** using **Node.js** and **Python**
- Developed frontend interfaces using **Angular** to ensure intuitive and responsive user experiences
- Deployed and managed microservices on **Azure cloud** for high availability and scalability
- Implemented **CI/CD pipelines** using **Jenkins** to automate software integration and delivery
- Containerized all services with **Docker** for efficient deployment, scalability, and consistency

Challenges Addressed:

- Ensured **compatibility and interoperability** between microservices written in different languages (Node.js and Python)
- Managed deployment complexities and orchestration of services on Azure infrastructure
- Integrated **Kafka with Kubernetes** to build a scalable, **event-driven architecture** for real-time data handling
- Optimized Jenkins CI/CD workflows for distributed systems and faster delivery cycles
- Overcame containerization challenges to guarantee **performance consistency across environments**

Kimbal
97Pixels Solutions & Technologies

Kimbl – Centralized IoT Advertisement Playback Platform

Kimbl is a next-generation, web-based platform built to deliver **centralized control over IoT-based video playback** systems across multiple industries including **FMCG, hospitality, retail, education, and institutions**. It enables real-time playback of advertisements on Android-based display boxes, providing seamless communication between the cloud-based admin system and edge devices.
The platform leverages a robust backend powered by **Java Spring Boot with JPA**, **PostgreSQL** for structured data management, and is deployed on **Google Cloud Platform** using **GKE** and **CloudSQL**. The solution includes an integrated Android application utilizing **Kafka Streams**, **Spring WebSockets**, and **FCM** for real-time data sync and notifications.
Key Contributions:

- **Led** the end-to-end development and successful implementation of Kimbl to meet diverse sector-specific requirements.
- Developed a **robust and scalable backend** using **Java Spring Boot with JPA**, ensuring high system availability.
- Designed the **PostgreSQL database schema** for efficient storage, retrieval, and performance.
- Managed **cloud deployment** using **Google Kubernetes Engine (GKE)** and **CloudSQL**, optimizing for scalability and fault tolerance.
- Built and synchronized Android application components with **real-time communication** protocols using **Kafka**, **Spring WebSockets**, and **Firebase Cloud Messaging (FCM)**.

Challenges Tackled:

- Integrated **IoT video playback functionality** for devices operating in diverse environments and networks.
- Enabled **seamless communication** between Android devices and web-based systems for centralized control.
- Resolved **scalability and performance bottlenecks** while handling large data streams and concurrent users.
- Delivered **real-time push notifications** and system updates to remote devices using **FCM**.
- Ensured high reliability of playback coordination through **Kafka streaming pipelines** and **WebSocket communication**.

Easy Pay Soft - EPS
Vincit Software & Consulting
Easy Pay Soft (EPS) – Scalable POS & ERP Solution for Online Businesses
Easy Pay Soft (EPS) is a versatile **web-based enterprise solution** designed to cater to various online business domains including **e-commerce, bookstores, jewelry shops, and grocery outlets**. The platform provides a comprehensive suite of tools for **POS operations, billing, accounting, inventory control, and customer relationship management (CRM)**. Built using **Spring MVC**, **Spring Data JPA**, and **Spring Cloud AWS**, EPS offers dynamic customization for diverse business needs, backed by a robust **AWS infrastructure** utilizing **EC2, S3, RDS**, and **Route 53**.
Its modular design allows seamless integration of **payment gateways, SMS services**, and other third-party APIs, with dynamic behavior handled through **configuration profiles, conditional beans, AOP**, and **dynamic routing strategies**.
Key Contributions:

- Led the end-to-end **development and deployment** of EPS in alignment with client-specific business objectives.
- Architected and developed **core modules** including **billing, inventory, accounting, and CRM** features.

- Collaborated with cross-functional teams to integrate **payment gateways, SMS communication**, and **online transaction mechanisms**.
- Leveraged **Spring MVC**, **Spring Data JPA**, and **Spring Cloud AWS** for building robust and scalable microservice components.
- Implemented and maintained **RESTful APIs** for seamless interaction between frontend clients and backend systems.
- Managed cloud infrastructure on **AWS (EC2, S3, RDS, Route 53)** for deployment, storage, and scaling requirements.

Challenges Tackled:

- Overcame complexities in **dynamic routing and filtering** for supporting multiple client types and deployment scenarios.
- Leveraged **conditional beans and configuration profiles** to enable behavior customization based on deployment environments.
- Utilized **AOP (Aspect-Oriented Programming)** to modularize cross-cutting concerns like logging and transaction management.
- Ensured **data consistency and performance optimization** in multi-tenant scenarios across varied business use cases.

Note:

*For more detailed portfolio you can visit my **website**