



Experience

Senior Software Engineer (Part-time) | OFFCode Solutions Pvt Ltd

Sep 2023 – Present

(OFFCode Solutions provides technical consultancy to Xentura.)

- Designed and developed an HR work-hour calculation system to enhance efficiency and improve organizational productivity.
- Automated and digitalized the garment project design process, significantly improving the efficiency of biweekly updates.

Key Contributions:

- Conducted requirements analysis and prepared technical documentation.
- Analyzed manual processes and identified optimal technological solutions.
- Led the system design and development.
- Created diagrams and technical documentation.

Technologies Used: PHP, Laravel, Java, Spring Boot, MySQL, React.js, AWS

Senior Software Engineer | OFFCode Solutions Pvt Ltd

Mar 2022 – Aug 2023

(OFFCode Solutions provides technical consultancy to Xentura.)

Project: Point of Sale & E-Commerce Application with Delivery System

- Designed and reviewed the architectural framework for backend services using AWS cloud technologies and open-source tools.
- Developed a React + Spring Boot-based e-commerce application with integrated payment gateway support.
- Built a Flutter-based Point of Sale (POS) system.

- Implemented AWS SNS functions and APIs using Java Spring Boot.
- Integrated Mailchimp automation with AWS, using Excel sheets for bug tracking and release management.
- Applied microservices architecture to middleware and front-end services.
- Developed RESTful APIs to support business needs, including authorization and authentication services using Spring Boot.

Technologies Used: Java, Spring Boot, MySQL, React.js, AWS

Project: Financial Application for Personal Banking

- Enhanced a Flutter v2 financial application to support WhatsApp OTP verification, slider CAPTCHA, and form validation.
- Provided troubleshooting and customer support.
- Performed testing and ensured smooth app releases.

Technologies Used: Java, Spring Boot, MySQL, React.js, AWS

Project: B2B E-Learning Platform

- Developed a user dashboard using ReactJS.
- Created a Spring Boot microservice for AWS SNS notifications, enabling group messaging for students.
- Built a microservice for uploading educational materials.

Technologies Used: Java, Spring Boot, React.js, Redux Toolkit, Tailwind CSS, MongoDB, JUnit 5, Logger, MySQL, Microservices, Lombok, Eureka Discovery Service, API Gateway, Hystrix Dashboard

Java Software Developer | Hitachi Digital Payment Solutions Pvt Ltd

Dec 2020 – Mar 2022

Project: Banking Reconciliation & Settlement Process

(Clients: Banking institutions, handling payment settlements with Visa & Mastercard, including dispute resolution.)

- Enhanced settlement modules based on customer requirements (e.g., expanding six-digit debit card BINs to eight digits, bug fixes in Visa CTF files).
- Optimized BIN extraction functions using Java concurrent execution.
- Adjusted Visa & Mastercard modules to comply with updated mandates.
- Updated reconciliation modules for improved compliance.
- Monitored and resolved database issues for Vattanac Bank, FTB Bank Cambodia, and Nepal Bank, using SQL queries in Oracle 10g, PostgreSQL, and MySQL.
- Provided technical support, managed bug tracking via Excel sheets, and documented new module implementations.

Technologies Used: Java 8, J2EE, JSP, Spring Boot, Loggers, Kafka, AWS, SQL, Oracle

Junior Software Engineer | Apigate Pvt Ltd (Now Boost Connect)

Apr 2020 – Nov 2020

Project: LMS Integration & Data Integration (ESB Integration)

- Assisted in integrating an ESB database with the client's internal system.
- Provided ESB integration support.

Technologies Used: Java, Apache Synapse, Axis2, JAX-RX, JAX-WS, Maven, Ant, WSO2 (ESB)

Intern Software Engineer | Apigate Pvt Ltd (Now Boost Connect)

Sep 2019 – Mar 2020

- Contributed to bug fixing, modification, and configuration of WSO2 API Manager and Identity Server.

Technologies Used: Java, Spring Boot, JUnit, Mockito, MySQL