Pragyesh Singh Chauhan

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Objective

Java Backend Developer with 3 years of experience in designing, developing, and implementing robust software solutions. Proficient in various technologies i.e. Java, Spring Boot, Hibernate, RESTful web services, MongoDB/MySQL, Microservices and API integration. Specialized in developing efficient APIs and translating business requirements into scalable software applications. Seeking challenging opportunities to contribute expertise and further enhance skills.

Skills

Programming Languages: Java, SQL, JavaScript ,Python (Basic)
Databases: Mongo Db, MySql
Frameworks & Libraries: Spring Boot, JUnit, Hibernate, JPA, Spring MVC, Spring Security, J2EE, Soap-xml, RESTful APIs, JSON,
Others: Data Structures & Algorithms, OOPs, Microservices, Kafka, Design Pattern , Multithreading, Docker, Jenkins, AWS, GIT.

Professional Experience

Java Developer | Bursys Infotech India Pvt Ltd , Panchkula | January 2023 – Present

- Designed, coded, and tested modules and integrations, ensuring high-quality software delivery.

- Collaborated with cross-functional teams to gather requirements and deliver scalable solutions.

- Performed root cause analysis on bugs, improving issue resolution speed and accuracy.

- Optimized backend architecture of application dashboards, reducing API response times by 50% and boosting performance by 40%.

- Mentored junior developers, conducted code reviews, sprint planning, and daily standups in an Agile environment.

- Integrated third-party APIs (QuickBooks, Sage Intacct, Infor, ShipExpress/Kaleris, Business Central) to extend system functionality.

- Developed a plant operation service to track employees' effective working time using face recognition.

- Upgraded Spring Boot (2.x → 3.5) and Java (17 → 21), resolving Jakarta namespace issues and ensuring third-party compatibility.

- Reduced Spring Boot application startup memory usage from ~3GB to 1.5GB by enabling lazy loading, removing unused starters, and optimizing class loading..

Projects

FieldEquip
- It is Saas based field service management software.
- It streamlines the tracking and reporting of essential field workforce activities that enhance operation efficiency.
- It provides digital workFlow solutions for Industrial, Manufacturing, Oil and Gas, E-Commerce, Packages, Warehouse Management and logistics industries etc.
- It connects field technicians, service providers and equipment through WEB/MOBILE .
- **Responsibilities:** Design, Implementation, Debugging, Performance optimization, API Integration, Security.

Plant-Operation
- It is a separate module Service of Field Equip for unified attendance, payroll, and invoicing across field, plant, and shop operations. Implemented geofencing, biometrics, real-time labor hour tracking,
- Designed backend architecture flow , Implemented secure authentication (normal & AWS Cognito) with session/device token management, user image enrollment on AWS S3, and time management APIs for accurate job costing.
- **Responsibilities**: Designed, Built , Implementation, Debugging, API Development, Security.

EZPay Wallet
- Engineered secure and scalable digital wallet application with microservice-based architecture, including API Gateway, Auth service with JWT (RSA-256), and event-driven communication using Kafka, Redis, and PostgreSQL.
- Integrated third-party services such as Persona (KYC), Flink Connect (banking), and Seon (fraud detection) to enable real-time financial operations. Implemented robust user engagement through Twilio SMS and SMTP email notifications for transaction alerts and updates.
- **Responsibilities**: Designed, Built, Secured, Integrated, Maintained, and Optimized system performance

Education

AKGEC, Ghaziabad | Aug 2016 – Jun 2020

B.Tech. (Mechanical Engineering) | CGPA: - 7.21/10

Certification

- Java Full Stack and Spring Framework with Spring Boot - J Spider (Certificate)
- The Complete Java Course - Udemy (Certificate)

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