

Objectives

To seek opportunities where I improve my expertise in functional and technical aspects by working on designing and developing Java-based applications and creation of Service APIs

Skills

Languages and Core Skills: C, Java, Python, DSA, OOPs, DBMS

Frameworks and Libraries: Spring, SpringBoot, Spring Security, Spring AOP, VertX, Dropwizard, Hibernate, JDBC

Databases: MySQL, Elasticsearch, Redis

AWS Services: SQS, S3, Lambda, Athena

Version Control: Git, GitHub

Testing Frameworks: JUnit, Mockito

Build Tools: Gradle

Tools: IntelliJIDEA, Eclipse, VSCode, Postman

Work Experience

Software Development Engineer - I, Hopscotch Pvt Ltd.

May 2023 - Present

- Developed a Launch Tool for the buyer team using Spring Boot and Elasticsearch, improving search efficiency by 40%. Designed RESTful APIs following SDLC best practices and design patterns. Utilized AWS services (SQS, S3, Lambda) to ensure scalability and reliability.
- Upgraded JDK from 8 to 17 across all microservices, refactoring code and updating Gradle dependencies. Led the MySQL migration from version 5 to 8, optimizing queries for a 30% performance improvement. Documented all configuration changes, and troubleshooting steps, and conducted post-migration performance testing to ensure smooth deployments, enhanced system compatibility, and seamless integration.
- Optimized the RTV system by streamlining stock correction workflows, enhancing inventory accuracy, reducing operational overhead, and ensuring seamless deployment and integration with existing systems.
- Developed a product collection doorway that boosted customer browsing experience and increased, enhancing product discovery within categories. Leveraged Elasticsearch for fast data retrieval and implemented write-through caching to minimize DB hits and optimize fetching time.
- Enhanced the MIP feature to provide the buying team with actionable insights, enabling data-driven decisions for strategic product selection and inventory management, including procurement or removal based on thorough analysis.

Software Development Trainee, Hopscotch Pvt Ltd.

May 2022 - Apr 2023


- Built a monitoring service for third-party API calls, enhancing performance tracking and outcomes analysis. Implemented Java and Spring Boot, integrating Spring AOP for streamlined monitoring via annotations, reducing code complexity. Collaborated with the team on knowledge transfer and conducted code reviews to ensure quality and consistency.
- Revamped the orders page with Spring Boot and MySQL, optimizing the interface and database queries. Integrated RESTful APIs to improve performance and collaborated with cross-functional teams for smooth deployment and integration.
- Upgraded third-party API authorization to token-based authentication with a specific TTL, leveraging Redis for token storage and refresh, enhancing security and efficiency.

Tech Intern, Hopscotch Pvt Ltd.

Jan 2022- Apr 2022

- Enhanced software performance by optimizing algorithms and streamlining code for better efficiency.
- Created RESTful APIs to categorize and calculate credits on user account pages, improving clarity and enhancing user experience.
- Created and executed JUnit test cases to validate the functionality, reliability, and performance of backend services.

Project

Cube Manager  | Java, Spring Boot, Elasticsearch, MySQL, Spark MLlib, ReactJS, and RESTful APIs.

- Developed a comprehensive product and customer management tool with enhanced searching and analytics capabilities.
- Designed and developed interactive dashboards leveraging Elasticsearch for real-time insights and visualizations, including warehouse-level reports.
- Built a predictive analytics module using Spark MLlib to project inventory needs and optimize stock management

Education

B.E. Information Technology (CGPA:- 9.00)

Jun 2018 - May 2022

L.D College of Engineering, Ahmedabad, India