

Suvarna Kumari

System Engineer



3 Years 0 Month



(+91) 9304049189



suvarnak328@gmail.com



Profile Summary

Experienced Java Backend Developer with over 3 years of expertise in designing and implementing scalable backend solutions using Java and Spring. Proficient in developing RESTful APIs and managing complex data processing tasks in enterprise environments. Skilled in CI/CD processes with tools like CloudBees Jenkins and version control using Bitbucket. Strong background in API testing with Postman and database management using Oracle SQL Developer. Passionate about optimizing backend systems to enhance performance and ensure data integrity. Seeking opportunities to leverage technical skills in building robust applications and driving innovation in software development.



Key skills

- Java
- J2EE
- Java Spring Boot
- Spring MVC
- Hibernate / Jpa
- Microservices
- Restful Web API Development
- SQL
- MySQL
- JDBC
- GIT
- Github
- Maven
- Tomcat Server
- Jenkins
- JUnit
- Mockito
- Agile
- API
- AWS
- Software Development
- Software Testing
- Application Design
- CI CD Pipeline



Personal Information

City **Pune**
Country **INDIA**



Education

B.Tech/B.E., 2021

Sitamarhi Institute of
technology

12th, 2016

Bihar, English

10th, 2014

CBSE, English



Work Experience

Dec 2021 - Present

System Engineer

Tata Consultancy Services Ltd.

- Developed scalable backend components using Java and Spring Boot for various applications, focusing on performance and reliability.
- Designed and implemented RESTful APIs for efficient transaction processing and data retrieval.
- Conducted code debugging and optimization to enhance application functionality and performance.
- Created and executed comprehensive test cases using JUnit and Mockito to ensure code quality.



Languages

- English
- Hindi



Social links

<https://www.linkedin.com/in/suvarna-kumari-a63576134/>

- Utilized Postman for API testing, ensuring reliability and accuracy in service communication.
- Worked with Apigee to create secure proxies for existing APIs, implementing security policies to safeguard banking operations.
- Automated build and deployment processes using CloudBees Jenkins, streamlining development workflows.
- Managed version control and collaboration using Bitbucket, facilitating efficient code reviews and team coordination.
- Engaged in Agile methodologies, participating in sprint planning, daily stand-ups, and backlog management using Jira.
- Used Oracle SQL Developer for writing and optimizing SQL queries, analyzing transaction data to drive insights and improvements.



Projects

19 Months

ABSA Bank

Role: Java Backend Developer

Description: Worked as a Java Backend Developer on the ASBA Bank project, focused on developing and enhancing backend systems using a microservices architecture. Leveraged Java and Spring Boot to build scalable and efficient backend functionalities.

Technologies & Tools Used: Java, Spring Boot, Microservices, Postman, ELK Stack, Eclipse, OpenShift, JUnit, SonarQube, GitHub, Jenkins, Mockito.

Key Responsibilities:

- Debugged code to ensure efficient and bug-free functionality across the backend.
- Implemented hard-coded values where necessary for configuration and testing purposes.
- Developed new test cases to enhance code reliability and maintainability.
- Designed and deployed new RESTful APIs, contributing to seamless integration and communication across microservices.

10 Months

Bank of Maharashtra

Role: Java Backend Developer

Description: Engaged in a backend security enhancement project for the Bank of Maharashtra, focusing on API management and security using Apigee. Apigee is an API management platform that enables developers to create, secure, and monitor APIs with features like proxy creation, policy enforcement, and analytics. In this project, Apigee was utilized to build secure API proxies to protect the bank's backend services.

Technologies & Tools Used: Apigee, API Proxy, Security Policies, Java, Spring Boot, Drupal Developer Portal

Key Responsibilities:

- Created API proxies in Apigee to secure existing APIs, adding multiple layers of security for enhanced protection of backend services.
- Applied security policies within Apigee, such as authorization and

rate-limiting, to manage access and mitigate risk.

- Managed developer onboarding by setting up and maintaining a Drupal-based Developer Portal, generating comprehensive documentation to streamline API usage.

5 Months

Citi Bank

Role: Java Backend Developer

Description: Involved in the Enterprise Fraud Detection (EFD) project, focusing on developing solutions to identify and mitigate fraud in banking by analyzing transaction data.

Technologies & Tools: Oracle JDK, Spring Tool Suite (STS), CloudBees Jenkins, Eclipse, Postman, Maven, Bitbucket, Jira, Oracle SQL Developer.

Key Responsibilities:

- Backend Development: Implemented scalable backend components with Java and Spring for fraud detection.
- CI/CD: Automated build and deployment using CloudBees Jenkins.
- API Testing: Ensured API reliability and data accuracy with Postman.
- Version Control: Managed code with Bitbucket for efficient collaboration.
- Project Management: Tracked progress and tasks in Jira.
- Database Management: Wrote and optimized SQL queries using Oracle SQL Developer.



Certification

- AWS Certified Developer - Associate