

Mithlesh Shah

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SUMMARY

Senior Software Engineer with 7 years of experience designing and building scalable microservices using Java, Spring Boot, AWS, and ReactJS. Skilled in developing secure REST/GraphQL APIs, optimizing cloud deployments, and implementing CI/CD pipelines. Passionate about creating robust enterprise solutions with clean code and scalable enterprise architectures.

SKILLS

- Languages: Java (8, 11, 21), Python, NodeJS, JavaScript
- Frameworks: Spring Boot, Spring MVC, Hibernate, Spring Security, ExpressJS, Keycloak.
- Web Technologies: REST/GraphQL APIs, Microservices, ReactJS, HTML5, CSS3, JSON
- AWS Services: EC2, S3, Lambda, EKS, RDS, SQS, CloudWatch, Elasticsearch
- Databases: MySQL, PostgreSQL, DynamoDB, Oracle, MongoDB, PGVector, VectorDB
- Tools: Git, Jenkins, Maven, Gradle, JIRA, Confluence, JMeter
- Testing & Quality: JUnit, Mockito, Cucumber

WORK EXPERIENCE

Apr 2024 - Present - Senior Software Engineer II, DigitalZone

Project: DZOne Platform

The DZone platform is a collection of microservices built using modern architectural patterns to ensure scalability and efficiency. It simplifies lead generation by processing leads through various services, filtering only qualified leads for campaigns.

Key Contributions:

- Architected scalable microservices using Spring Boot and AWS EKS for lead generation platform.
- Designed REST/GraphQL APIs with OAuth2 and JWT, enhancing lead processing security.
- Implemented AI-driven tools for improved lead validation and data enrichment.
- Streamlined CI/CD with Jenkins pipelines for seamless service deployments.
- Enhanced microservices reliability with JUnit and Mockito unit tests.
- Built responsive lead dashboard UI using ReactJS.

Skills: Java 8/21, Python, Spring Boot, AWS, Kafka, Elasticsearch, Spring Security, Redis, JUnit, Mockito, Maven & Gradle, Microservices, Cursor AI, ReactJS, PostgreSQL, PGVector, APISIX API Gateway.

Jul 2022 - Apr 2024 - Software Engineer II, Nike India Technology Centre

Project: Retail Cart Checkout

Spearheaded the integration of Retail Cart Checkout within the Cloud migration initiative. Managed a complex flow encompassing diverse services, each utilizing different languages and capabilities. Orchestrated the Retail Cart Checkout lifecycle from item browsing to payment completion and receipt generation.

Key Contributions:

- Built and optimized Spring Boot microservices for Retail Cart Checkout.
- Migrated services from on-premises to cloud using AWS services.
- Streamlined CI/CD with Jenkins pipelines for seamless deployments.
- Developed ReactJS components for Retail Cart Checkout UI.
- Improved code quality with JUnit and Mockito tests for reliable services.
- Analyzed and refined existing deployed services.

Skills: Java 8/11, NodeJS, Spring Boot, Micronaut, AWS, JUnit, Mockito, Maven & Gradle, Restful web services, Microservices, ExpressJS, IntelliJ, ReactJS, MongoDB.

Jul 2021 - July 2022 - Software Engineer, EPAM Systems India

Project: IAM Keycloak

Contributed to the development and enhancement of functionalities within the Spring Boot framework. Ensured fine-grained access control through Identity and Access Management (IAM) policies.

Key Contributions:

- Developed and improved functionalities using Spring Boot.
- Improved code quality with JUnit and Mockito tests for Keycloak IAM features.
- Generated integration test suites using JavaScript.
- Ensured code quality checks via SonarQube.
- Conducted code reviews and optimized existing codebase.

Skills Used: Java 11, Spring Boot Framework, Microservices, Bitbucket, Keycloak, REST Web Service, JBoss, IntelliJ, Apache Maven, JUnit, Mockito, JavaScript.

Aug-2020 - Jul-2021 - Software Engineer, VeriFone India Technology Pvt. Ltd

Project: VHTS.

The Verifone Hosted Token Service (VHTS) is an initiative to tokenize the payment methods for various Merchants. Tokenization is the process of turning a meaningful piece of data, such as an account number into a random string of characters called a token that has no meaningful value if breached.

Key Contributions:

- Developed Spring Boot functionalities for payment tokenization services.
- Ensured service reliability with JUnit and Mockito unit tests.
- Analyzed DB flow for failover functionality.

Skills: Java 1.8, Spring MVC Framework, Microservices, Bitbucket, REST Web Service, JBoss, IntelliJ, JavaScript, Apache Maven, JUnit, Mockito.

Nov-2018 - Aug-2020 - Software Engineer, Wipro Ltd

Customer: Capital One

Project 1: Akana to Tyk Migration.

Implemented a lightweight, opensource API Gateway and Management Platform called Tyk, empowering users to control access to their API, monitor user interactions, and detect issues in real-time, resulting in increased API security and performance.

Key Contributions:

- Deployed Spring Boot APIs to Tyk Gateway on AWS for enhanced security.
- Configured APIs for real-time monitoring and access control.

Skills: Java 1.8, Python Scripting, Spring MVC Framework, REST Web Service, Apache Tomcat, IntelliJ, Apache Maven, JUnit, Mockito, Jenkins, GitHub.

EDUCATION

B.E. (CSE) from Vikrant Institute of Technology and Management, Gwalior in 2018.

INTERESTS

- Microservices Architecture, Cloud-Native Development, System Design, AI-Driven Solutions