

# Meet Shah

California, USA | (720) 382-4065 | [meetshah1799@gmail.com](mailto:meetshah1799@gmail.com) | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)



## Summary

Software Engineer with 4 years of experience building scalable cloud applications and microservices using Java, Spring Boot, and AWS. Proficient in designing RESTful APIs and integrating external systems to deliver high-performance solutions using Docker and Jenkins, enhancing efficiency and reliability through event-driven architectures and automated testing.

## Skills

**Programming Languages:** Java, Python, C++, SQL, JavaScript.

**Software Development:** Microservices, RESTful APIs, MVC, Object-Oriented Programming (OOP), Distributed Systems.

**Cloud & DevOps:** AWS (EC2, Lambda, S3, RDS, IAM, SQS, SNS), Kafka, Docker, CI/CD (Jenkins).

**Frameworks & Tools:** Spring Boot, Spring Cloud, Hibernate, Git, JIRA, Swagger, Postman, SonarQube, Log4j2, Splunk.

**Database & Web Servers:** MySQL, PostgreSQL, MongoDB, Redis.

**Testing & Development Practices:** JUnit, Mockito, Agile.

## Professional Experience

### Software Engineer

PRO-TEK Consulting, California, USA

Aug 2023 - Present

- Developed and deployed 4 microservices (Data Collection, Credit Score, User Management, and Report) using Spring Boot and Spring Cloud Gateway, ensuring scalable cloud application performance to support over 1 million+ daily transactions.
- Enhanced RESTful API communication between services, improving processing efficiency and reducing response times by 2 seconds per transaction through payload compression and connection pooling.
- Integrated Apache Kafka to decouple services and process 60K+ events/hour asynchronously, cutting end-to-end latency by 40% and ensuring fault tolerance with idempotent consumers.
- Implemented Redis caching strategies to reduce API call frequency by 40% and improve response times by 50%.
- Automated scaling of AWS EC2 instances and RDS MySQL clusters to maintain sub-500ms latency during peak loads of 1M+ daily transactions, reducing cloud costs by 15% via reserved instance optimization.
- Secured microservices with OAuth 2.0 and reduced MTTR (Mean Time to Resolve) by 30% by configuring Splunk dashboards and Log4j2 for centralized logging.

### Software Developer

Ample Infotech., Gujarat, India

Sept 2019 - Jul 2021

- Built RESTful APIs for a Learning Management System (LMS) using Spring Boot and Spring Data JPA, supporting 46,000+ users with features like user authentication, course enrollment, and assignment tracking.
- Integrated Amazon SQS to streamline course enrollment, improving processing times by 35% and boosting system efficiency.
- Automated grading with AWS Lambda and SNS notifications, eliminating 20+ hours/month of manual effort.
- Strengthened security with JWT token validation to reduce unauthorized access attempts and RBAC authentication for API endpoints.
- Containerized backend services using Docker and deployed them on AWS (EC2, Lambda, CloudFormation).

## Project

Distributed Log Analysis System | *Java, Spring Boot, Kafka, AWS Lambda, Elasticsearch, Kubernetes*

- Designed & built a real-time log analysis system to process millions of log entries daily.
- Utilized Kafka & AWS Lambda for event-driven processing, reducing system latency by 70%.
- Indexed log data using Elasticsearch, enabling sub-second query response times for error detection.

Library Inventory Application | *Java 11, Spring Boot, Kafka, Microservices Architecture, H2, Docker, JUnit, Mockito, RESTful APIs.*

- Developed a microservices-based library inventory system incorporating Kafka for real-time data management.
- Developed 12+ RESTful APIs with JWT authentication and RBAC, achieving 100% test coverage via JUnit and Mockito (mocking DAO/service layers).
- Containerized the application with Docker for efficient deployment and scalability.

Urban Thread (An E-commerce Platform) | *Java, Spring Boot, Hibernate, MySQL, Swagger, Postman, Railway Cloud.*

- Architected the backend with 12+ core features, integrating secure RESTful APIs, JWT authentication, and MySQL data persistence.
- Reduced API response times by 30% by optimizing JPA queries and deploying on Railway Cloud with load-balanced instances.
- Employed Swagger for comprehensive API documentation, enhancing developer collaboration and integration.

## Certifications

- AWS Certified Cloud Practitioner – Amazon Web Services
- Spring, Spring Boot, Hibernate Certification – Udemy
- Apache Kafka for Developers using Spring Boot – Udemy
- The Complete Splunk Beginner Course – Udemy

## Education

- Master of Science in Computer Science | Fairleigh Dickinson University, New Jersey, USA
- Bachelor of Technology in Information Technology | CSPIT, Gujarat, India