

Meet Shah

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EDUCATION

Fairleigh Dickinson University

MS in Computer Science

Aug 2021 - May 2023

New Jersey, USA

- Coursework:** Computer Architecture, Software Engineering, Database Systems, Operating Systems, Systems Programming, Data Structure and Algorithms, Assembly Language, Blockchain Fundamentals, Artificial Intelligence, MIS.

SKILLS

Programming Languages: Java, Python, C, C++, SQL, bash, HTML5, JavaScript.

Frameworks & Technologies: Spring Boot, Spring Cloud Gateway, Hibernate, Microservices, REST APIs, Node.js, React.js, CSS3.

Databases & Web servers: MySQL, MongoDB, PostgreSQL, Redis, Elasticsearch, Apache Tomcat.

Cloud: AWS (IAM, EC2, ELB, Lambda, S3, MSK, CloudFormation, Route 53, CloudWatch, Auto Scaling), Kafka.

DevOps & Tools: Docker, Jenkins, Log4j2, Swagger, Postman, SonarQube, Splunk, Selenium, JUnit, Mockito, Jira, Git.

Other: SDLC, Agile, Scrum, TDD, Event-Driven Architecture, OOP, Maven, JPA, JDBC, IntelliJ IDEA, Visual Studio, Windows, Linux.

EXPERIENCE

PRO-TEK Consulting (Client - Bank of America)

Aug 2023 - Present

Software Developer, Credit Score Evaluation Platform - Backend Team

California, USA

- Engineered and deployed** 4 microservices (Data Collection, Credit Score, User Management, Report) with Spring Boot and Spring Cloud Gateway, scaling to **1M+ transactions daily** with **zero downtime** and achieving a **25% increase in throughput**.
- Optimized** RESTful APIs, **improving inter-service processing by 50%** and reducing response times by **2 seconds per transaction** using **Spring Boot** and **Kafka**.
- Integrated** Kafka for asynchronous data updates, **reducing latency by 70%** and processing **50K+ events/hour** for real-time credit scoring.
- Implemented** Redis caching for high-demand queries, reducing API calls by **40%** and improving response times by **50%**.
- Leveraged Amazon RDS for MySQL** and **EC2** with Auto Scaling, handling a **50%** traffic increase while maintaining optimal performance.
- Secured** user authentication with **OAuth** protocols, **reducing unauthorized access attempts by 60%** and enhancing system security.
- Established** centralized logging and monitoring with **Log4j2** and **Splunk**, achieving **90% faster error resolution**.

Ample Infotech.

Mar 2020 - Jul 2021

Software Engineer, Online Learning Management System (LMS) - Backend Team

Gujarat, India

- Engineered RESTful APIs** for LMS features (user authentication, course enrollment, and assignment management) using **Spring Boot** and **Spring Data JPA**, supporting **5000+ active users** with high reliability.
- Optimized** course enrollment process by implementing **Amazon SQS**, reducing processing time by 35% and enhancing system efficiency, resulting in improved user experience.
- Contributed** to the design and implementation of an **event-driven architecture** using **AWS Lambda**, automating grading and notifications, boosting scalability and reducing manual processes.
- Implemented secure authentication** using **JWT** and **RBAC**, improving security by ensuring role-based access and reducing unauthorized access attempts by 30%.
- Collaborated with DevOps** to deploy backend services on AWS using **EC2**, **Lambda**, and **CloudFormation**, optimizing the deployment process for better efficiency.

PROJECTS

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

[Link](#)

- Built a microservices-based library inventory system using Kafka for real-time processing and Spring Data JPA for efficient data management.
- Developed secure RESTful APIs and conducted unit testing with JUnit and Mockito to ensure robust functionality.
- 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.

[Link](#)

- Designed backend architecture with 12+ core features, leveraging secure RESTful APIs, JWT authentication, and MySQL integration.
- Validated APIs with Postman (97% success rate) and optimized performance with Railway Cloud, reducing response times by 30%.
- Deployed on Railway Cloud, optimizing server performance and reducing response times by 30%, with Swagger for API documentation.

Human Resources Management System | Java/J2EE, Spring, JDBC, MySQL, Thymeleaf, Tomcat.

[Link](#)

- Developed a robust HR management system with Spring Boot, RESTful APIs, and MySQL for data handling.
- Utilized Hibernate for persistence management, improving data consistency and scalability.

CERTIFICATIONS

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