

# 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.

### Charotar University of Science and Technology

Bachelor of Technology in Information Technology

Aug 2016 - May 2020

Gujarat, India

## SKILLS

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

**Technologies & Frameworks:** Spring Boot, Hibernate, Microservices, REST API, CSS3, Bootstrap, Node.JS, ReactJS.

**Databases & Web servers:** MySQL, MongoDB, Apache Tomcat.

**Tools & Technologies:** Swagger, Postman, SonarQube, Splunk, Selenium, JUnit, Jira, Jenkins, Git, AWS (IAM, EC2, ELB, Lambda, S3, EBS, RDS, MSK, CloudFormation, Route 53, CloudWatch), Kafka.

**Other:** SDLC, TDD, Agile, Scrum, Maven, OOP, JPA, JDBC, IntelliJ, VS Code, Windows, Linux.

## EXPERIENCE

### PRO-TEK Consulting (Client - Bank of America)

Aug 2023 - Present

Software Developer, Credit Score Evaluation Platform - Backend Team

California, USA

- Contributed to engineered and deployment 4 microservices (Data Collection, Credit Score, User Management, and Report) with Spring Boot and Spring Cloud Gateway, scaling to 1M+ daily transactions with zero downtime and achieving 25% higher throughput.
- Developed and optimized efficient RESTful APIs, enhancing 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, achieving a 70% reduction in latency and processing over 50K events/hour for real-time scoring.
- Implemented Redis caching for high-frequency data, cutting API calls by 40% and improving response times by 50% for high-demand queries.
- Secured user authentication using OAuth protocols, reducing unauthorized access attempts by 60% and enhancing system security.
- Established centralized logging and monitoring with Log4j2 and Splunk, resulting in a 90% faster error resolution.
- Leveraged Amazon RDS for MySQL and EC2 for server hosting with Auto Scaling, effectively managing a 50% increase in traffic while ensuring optimal performance.

### Ample Infotech.

Mar 2020 - Jul 2021

Associate Software Development Engineer

Gujarat, India

- Enhanced backend performance of the company website, achieving a 29% reduction in response time through strategic implementation of core and advanced Java principles with the Spring Boot framework.
- Optimized user interaction and streamlined data management processes by enhancing Agent microservices using Java Spring Boot, Hibernate ORM, and PostgreSQL, resulting in a 15% improvement in throughput performance.
- Refined database interaction with Hibernate ORM, minimizing query execution time by 40%, and streamlined the data pipeline from PostgreSQL to T-SQL, leading to a 20% improvement in API response times and simplified database management.
- Collaborated with a team of 6 frontend and backend developers, gaining expertise in server-side deployment and building a responsive UI using Spring Boot, Spring Cloud, and ReactJS.
- Implemented TDD using JUnit & Mockito, created Splunk dashboards for 4+ deployments to enhance monitoring and error tracking while providing support for SDLC oversight and ensuring the successful delivery of 4+ software deployments.

## PROJECTS

### Library Inventory Application | Java 11, Spring Boot, Spring Data JPA, JUnit, Mockito, RESTful APIs, Kafka, Microservices Architecture, H2, Docker. [Link](#)

- Developed a microservices-based library inventory application using Kafka for real-time event handling, resulting in a 40% increase in operational efficiency and enabling processing of over 1,000 books daily with 70% faster data retrieval.
- Created secure RESTful APIs for service interaction and performed rigorous testing with JUnit and Mockito to ensure robust, high-quality code for the inventory tracking system.

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

- Designed and developed the backend for "Urban Thread" for 12+ functionalities, using Spring Boot, incorporating sturdy REST endpoints, JWT authentication, and MySQL integration.
- Tested endpoints with Postman, ensuring a 97% success rate in validating REST APIs.
- Deployed the application on Railway Cloud, achieving a 30% reduction in server response time, thereby enhancing platform performance.

### Employee Management System | Java/J2EE, Spring, JDBC, MySQL, Thymeleaf, Tomcat. [Link](#)

- Leveraged Java Spring Boot, MySQL, and Thymeleaf to construct an Employee Management System. Set up REST endpoints for CRUD operations and implemented Hibernate Framework to enhance persistence.

### Career Pro (Personal - Job Application Tracker) | React.js, Java, Spring Boot, Hibernate, MongoDB, Tomcat, Postman. [Link](#)

- Engineered a bespoke online job application tracker with React, Spring Boot, and MongoDB, featuring advanced search capabilities and secure user authentication. Achieved a 70% reduction in tracking latency, elevating user satisfaction by 20%.