

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%.