MRUGA SHAH

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Technical Skills

Languages & Database: Java, MongoDB, MySQL, HTML, CSS, Javascript, JSON

FrameWorks/Libraries: Spring boot, Spring MVC, Spring Security, JPA, ReactJS, Bootstrap,gRPC, GraphQl, Thymeleaf, REST API, Amazon SQS, JUnit, Mockito

Tools: VS Code, Git & GitHub, IntelliJ IDEA, Eclipse, Grafana, Source Tree, Spring Tools Suits Postman, MySQL Workbench, MongoDB Compass, S3 Bucket, Maven, JIRA

Experience

Junior Back-end Developer   April 2024 – June 2024
Quantum Dynamics   France
- Contributed to a payment application by utilizing **Java**, **Spring Boot**, and **MongoDB** for backend development.
- Optimized **MongoDB queries** using MongoTemplate, leading to a 40% improvement in data retrieval and enhancing overall application performance.
- Engineered the Billing-Pricing and Virtual IBAN modules using Java, gRPC, and GraphQL, **reducing manual processing time by 30%**
- Architected the Notification module, utilizing a scheduler and Amazon SQS to create a service that automatically triggers emails, reducing manual workload by over **30+ hours**
- Automated a CSV file processing, streamlining upload to a **S3 bucket**, and download it to the local system.

Associate Software Developer   February 2023 – March 2024
Jab Companies   Gandhinagar, Gujarat
- Leveraged strong proficiency in **Java**, **MySQL**, and Object-Oriented Programming principles
- Utilized **Spring MVC** with **Thymeleaf** to enhance the web application's responsiveness, improving user engagement by 25%
- Enlarged a secure **JWT** authentication module, ensuring robust access control, which resulted in a 50% reduction in unauthorized access attempts.

Projects

Ecommerce-Website | Java, Spring Boot, MySQL, Thymeleaf
- Created a **microservice-based** website, integrating 10+ interconnected services
- Seamlessly integrated front-end technologies (**HTML, CSS, JavaScript, Thymeleaf**) with back-end (**Java, Spring Boot, MySQL, Apache Tomcat**)

TextUtils | ReactJS, Bootstrap
- Developed and deployed a text manipulation website using **ReactJS**.
- Applied React concepts like hooks, props, state, and react-router to enhance 40% maintainability and scalability.

Library Management System | Java, Spring Boot, MySQL
- Built a data management system using **Java** and **MySQL** to manage over 50,000 records.
- Implemented **CRUD** operations and **JWT Token** user authentication, increasing 45% Security

Education

Gujarat Technological University   Aug. 2019 – May 2023
Bachelors of Engineering in Computer Engineering - **CGPA : 8.87/10.0**   Ahmedabad, Gujarat

Certifications

Java(Basic) - HeackerRank

SQL(Basic) - HeackerRank

Full Stack Application Spring Boot and React - Udemy

The Web Developer Bootcamp - Udemy

Leadership / Extracurricular Activities

IEEE Silver Oak University Student Branch   January 2021 - July 2023
- Led as Webmaster, driving a 160% increase in membership retention, engagement, and growth.
- Directed a 50+ student team to develop the student branch website and coordinated 50+ events, attracting over 70,000 participants. Contributed to 16+ national and international events.