

Dixita Mendpara

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SUMMARY

Detail-oriented Software developer with 5 years of strong background in web development with React.JS, Java, SQL, and HTML/CSS. Experienced in Spring modules and cloud-based applications, ensuring rapid development and integration of enterprise applications.

EDUCATION

Georgia Institute of Technology

Aug 2024 - Present

MS in Computer Science

Gujarat Technological University

Aug 2015 - Apr 2019

B.Eng in Information Technology

GPA: 3.8

EXPERIENCE

Software Developer II, BA Gold Enterprises Inc | New York, NY

Feb 2024 – Present

- Integrated Spring Data JPA with databases drivers of MySQL and PostgreSQL to streamline data access within the Spring Boot application, reducing development time for the data access layer by 10%.
- Boosted code quality and security by integrating automated testing in the Jenkins-managed CI/CD pipeline, enabling early detection and prevention of defects ensuring a more robust and reliable software delivery process.
- Championed the adoption of GraphQL to streamline data fetching, granting clients precise control over requested data, leading to a 10% reduction in payload size and a more performant user experience.

Software Developer, Unum | Union, NJ

May 2023 – Dec 2023

- Implemented a message queueing system using SQS to handle asynchronous communication between microservices, resulting in a 10% improvement in application responsiveness and significantly enhancing project outcomes.
- Automated the build, test, and deployment pipeline for a Java application using Jenkins, reducing deployment lead time.
- Integrated microservices using RESTful APIs to facilitate seamless communication and data exchange within the application.
- Improved code maintainability and testability by mocking dependencies with Mockito in various Java services, leading to a 40% reduction in time spent on integration testing and integrated SonarQube for quality control.

Software Developer, Kpit Technologies | Bengaluru, India

Jan 2019 – Apr 2023

- Linked a React application seamlessly with a Java API using RESTful principles or GraphQL, ensuring smooth data exchange.
- Monitored RabbitMQ queues and exchanges using Grafana dashboards to ensure message delivery and identify bottlenecks.
- Accomplished search functionality using Elasticsearch with various searchable fields, including autocomplete, fuzzy search, and stemming, achieving a 92% search accuracy rate and reducing search query latency by 30%.
- Performed high-quality CRUD operations like Updating, Inserting, and Deleting data in MongoDB and SQL Server and handling database access and data transmission based on RESTful web service.

PROJECTS

E-Wealth Registration

Jan 2019 – Nov 2021

- Explored React.JS frameworks and libraries to make a responsive GUI and optimized React components using techniques like memoization and code splitting, resulting in a 10% reduction in bundle size and improved application performance.
- Designed and deployed a robust RESTful API with Spring MVC and Spring REST for a complex application following agile methodology, achieving a 25% improvement in code maintainability and separation of concerns.
- Combined Docker images into CI/CD pipelines, enabling automated builds, testing, and deployments of Java applications.

Human Resource Management System (HRMS)

Apr 2020 - Aug 2020

- Implemented a user-friendly software solution to streamline HR operations, reducing the team's manual workload by over 50%. Automated employee data management, including work hours, overtime, leaves, and personal details.
- Engineered and deployed scalable microservices with Spring Boot, implementing best practices that reduced application memory footprint by 30% and increased system responsiveness by 40%.
- Created a job applications board, candidate management, and onboarding applications, optimizing the hiring process by 65%.

SKILLS

Programming Language: C, C++, Java, SQL, JavaScript

Frameworks: Spring Boot, Spring MVC, Spring Data JPA, Spring Cloud, React.JS, GraphQL, OAuth 2.0

Web Technologies: HTML5, CSS3, JavaScript, jQuery, Ajax, JSON, XML, Redux, TypeScript, RESTful API

Cloud: AWS (SQS, SNS, S3, EC2, Lambda, CloudFormation)

Database: MySQL, PostgreSQL, MongoDB, Oracle

Tools: Jenkins, Docker, Kubernetes, SOAP UI, Git, GitHub, Swagger UI, RabbitMQ, Mockito, Junit