

Dixita Mendpara

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SUMMARY

Software developer with 4 years of experience in React.JS, Java, Python, SQL, HTML/CSS, and JavaScript. Passionate about building scalable, high-performing applications and seeking a software developer role to apply my expertise in modern tech stacks.

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

- Designed and developed web application using React.JS and Spring boot to help 6 employees to automate their daily tasks.
- Integrated Spring Data JPA with databases drivers of MySQL and PostgreSQL, enhancing efficiency of 50+ complex queries.
- Automated the build, test, and deployment pipeline for a Java application using Jenkins, reducing deployment lead time by 25%.
- Developed a reporting tool using Python and Pandas that automated the processing of over 1,000 daily data entries, reducing manual handling time by 8 hours per week and allowing the team to focus on higher-value tasks.

Software Developer, Unum | Union, NJ

May 2023 – Dec 2023

- Implemented a message queueing system using SQS to handle over 50,000 asynchronous communications between microservices, resulting in a 30% improvement in application responsiveness and significantly enhancing project outcomes.
- Led the adoption of GraphQL to streamline data fetching, granting clients more flexible API usage and precise control over requested data, reducing payload size by 200KB, and significantly enhancing the overall user experience.
- Integrated microservices using RESTful APIs to facilitate seamless communication and data exchange within the application.
- Improved code testability by using Mockito for Java services, saving over 20 hours per month in integration testing.

Software Developer, Kpit Technologies | Bengaluru, India

Jan 2019 – Apr 2023

- Linked a React application with a Java API using RESTful principles or GraphQL, ensuring smooth data exchange for 5+ projects.
- Configured over 15+ RabbitMQ queues and 8 exchanges to handle asynchronous messaging, improving application performance. Established alert mechanisms in Grafana dashboards to monitor message delivery and identify bottlenecks.
- Enhanced search functionality with Elasticsearch, improving accuracy to 9 out of 10 queries and reducing latency by 2 seconds.
- Boosted code quality and security from 40% to 60% by integrating automated testing in the Jenkins CI/CD pipeline and SonarQube, enabling early detection and prevention of defects ensuring a more robust and reliable software delivery process.
- Executed 500+ CRUD operations in MongoDB and SQL Server, managing data and transmission for RESTful web services.

PROJECTS

Portfolio Management Web Application

Jan 2019 – Nov 2021

- Developed and integrated 50+ RESTful API endpoints using Spring Boot for seamless communication between the frontend and backend, handling over 10,000 user transactions and portfolio updates daily.
- Automated the CI/CD pipeline with Jenkins, streamlining the build and deployment process across multiple environments, reducing deployment time from 2 hours to just 30 minutes while increasing deployment frequency.
- Implemented a dynamic React JS frontend, enhancing experience for 5,000+ active users with real-time data visualization.

Multi-Tier Insurance Management System

May 2023 – Dec 2023

- Engineered and deployed scalable microservices with Spring Boot, implementing best practices that reduced application memory footprint by 300MB and increased system responsiveness by 1.5 seconds.
- Automated CI/CD pipelines using Jenkins, Tekton, and OpenShift, deploying microservices on AWS EC2, increasing the number of successful daily deployments from 2 to 10 while ensuring consistent configurations.
- Implemented 15 RESTful APIs and integrated Hibernate with Spring, managing over 500,000 records efficiently.

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