Patel J

Java Software, 8+ years experience
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I am a passionate software engineer driven by the thrill of problem-solving and innovation. With over a decade of hands-on experience in various Java frameworks, I thrive in the dynamic world of backend development. My journey in software engineering has been marked by a relentless pursuit of knowledge, constantly honing my skills to adapt to evolving technologies and industry trends. I am committed to delivering robust solutions and pushing the boundaries of what's possible in the realm of software development.

INDUSTRIES: Software and Platforms, Real Estate

TECHNICAL SKILLS

• Java	8 years & 2 months
• Mongo DB	7 years & 1 months
• Spring Boot	6 years & 9 months
• AWS	5 years & 3 months
• Azure	5 years & 6 months

PROJECT DETAILS

• Real Time Monitoring System — July-2022 - January-2024

Project Description: The Real-Time Monitoring System for Environmental Sensor Data Visualization is a web-based application designed to visualize live sensor data collected from various environmental monitoring devices. Utilizing Spring boot for backend development, Express.js for RESTful API creation, Oracle DB for data storage, and Redis for caching, the system ensures efficient processing and storage of large volumes of real-time sensor data. The frontend utilizes D3.js for interactive and dynamic visualization of sensor data in graphical charts.

Responsibilities: Conducted thorough analysis to gather user requirements and understand the objectives of the real-time monitoring system. Implemented a queue system using Redis for efficient data analysis and processing. Configured MQTT and ActiveMQ with Spring for seamless integration with the backend system. Conducted data analysis on sensor data to derive insights and identify trends in environmental conditions.

Technologies: Spring Boot, Spring Social, Restful Webservices, Oracle DB, ActiveMQ, docker, docker-compose, Eclipse, Angular, JBoss EAP, jQuery, Html5

Industry: Software and Platforms

• Real Estate Marketplace Platform — February-2022 - April-2024

Project Description: The Online Real Estate Marketplace Platform serves as a comprehensive solution for connecting property sellers, buyers, and real estate agents. Utilizing Spring Boot framework for backend development, PostgreSQL for database management, and AWS services for storage and hosting, the platform facilitates seamless property listings, inquiries, and transactions.

Responsibilities: Conducted in-depth analysis to gather user requirements and understand market trends in the real estate sector. Developed robust web services to facilitate smooth interactions between users and the platform. Implemented data management functionalities, including importing and exporting property listings. Integrated AWS services such as S3 for storing property images and EC2 for scalable hosting to ensure optimal performance and reliability.

Technologies: Spring Boot, PostgreSQL, AWS (S3, EC2), AWS, Angular, Bootstrap 3, CSS3, HTML5

Industry: Real Estate

EMPLOYMENT HISTORY

• Sr. Software engineer January-2017 - March-2024

Description: I have work on Sr. Software engineer on Java, AWS, Spring boot, MySql, MongoDB

EDUCATION

• Bachelors degree in Information technology from Gujarat university 2013 - 2017

LANGUAGES

• English - native

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