Akash S

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Summary:

Driven backend developer with over 1.6 year of hands-on experience in architecting and delivering robust backend solutions. Proficient in leveraging cutting-edge technologies to streamline operations and enhance system performance. Adept at collaborating with cross-functional teams to translate business requirements into scalable software solutions. Known for a proactive approach to problem-solving and a commitment to delivering high-quality code on time. ERT member with a proven track record of maintaining composure and effectiveness in high-pressure situations, adding resilience and adaptability to technical expertise.

Professional Experience:

Back-End Java developer

Entoo Bangalore

01/2023-Present

- Spearheaded the development of multiple projects utilizing Java Spring Boot framework, delivering high-performance backend solutions tailored to meet business requirements.
- Designed and implemented RESTful APIs, ensuring seamless communication between frontend and backend systems, resulting in enhanced user experience and improved system efficiency.
- Proficiently wrote MongoDB queries to optimize database operations, improving data retrieval speed and overall system performance.
- Utilized JUnit for automated testing, ensuring the reliability and stability of backend functionalities across various projects.
- Collaborated closely with frontend developers and project managers to translate business requirements into technical specifications, ensuring alignment with project timelines and objectives.

Skills:

Programming languages: Java, Python

Frameworks: Spring Boot

Databases: MySQL, MongoDB

Tools: Git, Jenkins

Others: RESTful APIs, Microservices Architecture, AWS

Education:

Bachelor of Engineering, Computer science

Global Academy of technology,

Visvesvaraya Technological University, Bangalore

2018-2022

Projects:

IoT Vehicle Tracking and Monitoring System

Developed and implemented an IoT-based solution for real-time vehicle tracking and monitoring. Designed to capture and analyze data such as vehicle modes, runtime, ignition time, live location, status updates, and start/stops with corresponding latitude, longitude, and address details. Played a key role in implementing geofencing functionality and configuring alert systems based on predefined criteria.

Deduction Management System

Led the effort to automate and simplify the deduction procedures for riders by integrating a deduction management system with the payment processing infrastructure. This technology allowed for the easy synchronization of payment gateways for transaction processing and enabled the deduction of rider fees according to many parameters.

Employee Attendance Dashboard

Led the development and implementation of an employee attendance dashboard, which automated the calculation of attendance data based on check-in and check-out timestamps. The dashboard provided comprehensive insights into employee attendance patterns, hours logged, and absenteeism rates. Additionally, a report page featuring graphical representations was implemented to visualize attendance trends and facilitate data analysis.