

SAI TEJA L

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WORK EXPERIENCE

Siddhrans Technologies

Bangalore, India

Java-Full Stack Developer

Sep 2024 - Present

- Currently working as a Java Developer on the MLT Corporation project, designing and managing all admin pages. Achieved a 20% improvement in project performance through effective resource management and advanced caching techniques
- Handling backend operations comprehensively using the Spring Framework, with a focus on the Spring MVC model. Enhanced project efficiency by 30% by implementing scalable architectures and optimized database interactions.
- Leveraged advanced Spring topics like Spring Security, Spring Boot, and Hibernate ORM for robust application development. Successfully increased project productivity by 35% through efficient code optimization and streamlined workflows

JSpiders

Bangalore, India

Java-Full Stack Trainee

Mar 2024 - Sep 2024

- Developed and executed comprehensive training plan to enhance proficiency in Java application development, resulting in a 50% increase in coding efficiency.
- Utilized React and JavaScript to create dynamic web pages, increasing user engagement by 40%.
- Implemented JDBC for backend operations, optimizing database queries and improving system performance by 30%.

PROJECT EXPERIENCE

Personal Project

Real-Time Smart Sewage Management System

- Developed an IoT-based sewage monitoring system using sensors and microcontrollers to detect overflow and gas levels in real-time.
- Implemented wireless data transmission and alert mechanisms, reducing manual inspections and response time.
- Optimized sensor placement and data processing logic, increasing system efficiency by 80% in early issue detection and reducing maintenance delays.

Urban Water Logging Prevention System / IoT & Embedded Systems Project

- Developed a GPS-enabled smart drainage system using **Arduino, water level sensors, and GSM/Wi-Fi modules** for real-time flood detection and location reporting.
- Optimized sensor logic and alert mechanisms, improving early detection and response efficiency by **75%**, helping reduce urban traffic risks and water damage.

Tech Stack: Arduino, ESP32, Water Level Sensors, GPS Module (Neo-6M), GSM/Wi-Fi, Arduino programming

Skills: JavaScript, Core Java, Advanced Java, Spring Frameworks, SQL, DBMS, REST API, GIT, PHP, Laravel, HTML CSS/TAILWIND, POSTMAN

Interests: Exploring electronic tool and new tech, AAA Gaming, E-Sports, Basketball

EDUCATION

Brindavan College Of Engineering

Bengaluru

Bachelor of Engineering in Electronics and communication // 8.01 CGPA

Graduation Date: May 2024

CERTIFICATES

- Deep Web and Cyber security | Udemy
- Java FullStack | JSpiders