ASHISH VARAKUNTI

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Professional Summary

Detail-oriented Electronics and Communication Engineering graduate with a strong passion for Software development and IT solutions. Proficient in Java full stack ,Python technologies and OLLAMA application with hands-on experience in designing and implementing complex systems. Adept at solving problems, collaborating with teams, and delivering high-quality solutions. Known for adaptability and continuous learning , and focus on achieving project goals efficiently.

Skills

Frontend: HTML, CSS, JavaScript, React, Bootstrap
Backend: Java, Python, Spring 6, Spring Boot 3, Thymeleaf, JPA, Hibernate, MySQL, PostgreSQL, Node.js, Express.js, Flask
Tools: Git, VS Code, Visual Studio, IntelliJ IDEA, Postman
Other Skills: RESTful APIs, Ollama, MS Excel

Experience

Role: PROJECT ENGINEER INTERN
Soft Pledge — Bangalore, Karnataka   JULY 2024 – PRESENT
Assisted in the development of web applications using **Java**, **Spring Boot**, and **Hibernate** to support the team in delivering client-facing solutions.
Contributed to the front-end design and implementation with **HTML**, **CSS**, and **JavaScript**, gaining hands-on experience in responsive web design.
Wrote and optimized **SQL** queries to interact with relational databases, ensuring efficient data storage and retrieval.

Projects

Employee Management System | Java, Spring Boot, MVC, JPA, Thymeleaf, Security - Developed a CRUD-based employee management system using Java MVC and Spring Security for role-based access. Ensures secure handling of employee profiles, job roles, and data tracking for streamlined HR operations

Design & Control of a Wireless DTOF LIDAR | PYTHON,EMBEDDED SYSTEMS - Developed a wireless LD19 LIDAR system integrating laser ranging, wireless communication, angle measurement, and motor control. Utilized DTOF technology to measure distance 4500 times per second. Ideal for mapping, obstacle detection, and dynamic navigation.

Decentralized Digital Identity Verification System| Python,Node.js, Express.js, Flask, PostgreSQL - Developed a secure, real-time identity verification system enabling users to manage and verify digital identities without centralized databases. Integrated OCR and data cross-checking for document authentication.

Education

SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY   **AUG 2019 - SEPT 2023**
Bachelor of Technology *in* Electronics and Communication Engineering Hyderabad, Telangana   - 7.8GPA