POOJITHA THOTAKURA

📞 +91 7702895386 ✉ thotakurapoojitha5@gmail.com 🔗 linkedin.com/in/thotakurapoojitha/ ⊙ thotakurapoojitha

Professional Summary

A passionate Java Full Stack Developer with hands-on training in frontend and backend technologies. Seeking an entry-level software development role to apply Java, Spring Boot, and database skills in real-world projects while continuously learning and growing in the IT industry.

Experience

Codegnan IT Solutions   **Jan 2025 – June 2025**
Java FullStack Development Trainee   *Vijayawada*
- Architected enterprise Java applications using Spring Boot, REST APIs, and MySQL, deployed on AWS cloud infrastructure for production environments.
- Engineered and deployed 5+ frontend projects including a dynamic Weather Application with API integration, utilizing GitHub for version control and Vercel for cloud hosting.
- Strengthened communication and team collaboration by facilitating discussions, and ensuring alignment, improving efficiency and workflow.

TechSonix Solutions   **May 2025**
Web Developer Intern   *Remote*
- Developed responsive, cross-browser compatible web pages using HTML, CSS, and JavaScript with pixel-perfect design implementation.
- Engineered a personal portfolio website from scratch demonstrating modern web standards and reusable code architecture.
- Enhanced UI/UX and navigation flow, which reduced the average user bounce rate and improved mobile responsiveness scores.

Projects

Hospital Management System using Java | *SpringBoot, MySQL,REST API, AWS deployment*
- Designed 6+ relational tables and executed optimized CRUD and JOIN queries.
- Developed 10+ REST APIs using Spring Boot for managing patients, staff, appointments, and billing modules..
- Integrated Servlets, JSP, and JDBC to deliver dynamic content with seamless database connectivity.

Personal Portfolio | *HTML5, CSS3, Bootstrap, Javascript*
- Deployed a fully responsive personal portfolio from scratch using HTML5, CSS3, JavaScript (ES6), and Bootstrap 5, demonstrating proficiency in front-end technologies and version control (Git).
- Optimized front-end performance through semantic HTML and efficient DOM manipulation.

Smart Surveillance for Clean City | *YOLO8 Model, Roboflow, Drone equipped with RGB Camera*
- Pioneered the development of an innovative aerial garbage detection system, leveraging the power of a custom-built drone equipped with an RGB camera.
- Implemented the cutting-edge YOLOv8 object detection model and harnessed Roboflow for efficient data preprocessing and augmentation.
- Curated a diverse dataset of garbage and non-garbage images, combining open-source repositories and original aerial captures.

Technical Skills

Backend(Java): Core Java, JSP, Servlets, SpringBoot, JUnit
Databases: SQL, MySQL
Developer Tools: VS Code, Eclipse, Apache Tomcat, Postman, Git, GitHub, Vercel
Frontend: HTML, CSS, Bootstrap, JavaScript, React

Education

DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY   **June 2021 – May 2025**
Bachelor of Technology in Computer Science and Engineering   *CGPA:8.28*

Certifications

- **Java Developer** - Infosys, Hackerrank
- **Web Development(HTML,CSS,JavaScript)** - Sololearn
- **SQL and Relational Databases** - IBM
- **AWS Cloud Practitioner Essential** - Simplilearn