

Vishnu Vardhan Aravala

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PROFESSIONAL SUMMARY

Entry-level Full Stack Developer with strong fundamentals in Java, Python, SQL, and modern web technologies. Experienced in building end-to-end web applications with REST APIs, database integration, and responsive frontends. Passionate about clean code, debugging, and learning scalable backend systems. Seeking an opportunity to contribute to real-world software development projects.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript

Frontend: React, HTML5, CSS3, Tailwind CSS

Backend: Spring Boot, Spring MVC, Spring Data JPA, REST APIs, Core Java, JDBC

Databases: MySQL

Tools: Git, GitHub, Postman, IntelliJ IDEA, VS Code, Netlify

PROJECTS

Café Finder – Location-Based Web Application

Tech: HTML, CSS, JavaScript, Google Maps API, Places API

- Built a location-based café discovery app using Google Maps and Places API, handling real-time geolocation, asynchronous API calls, and dynamic UI updates.
- Implemented area-based autocomplete search with priority for Indian locations.
- Added custom coffee-icon markers and synchronized map listings for better UX.
- Managed asynchronous API calls and dynamic DOM updates for smooth interaction.

Garbage Detection Web Application

Tech: Python, YOLOv8, JavaScript, HTML, CSS

- Developed a real-time garbage detection web application using a YOLOv8 model.

- Implemented backend inference logic to process images and return structured JSON responses.
- Designed a responsive UI for image upload and detection visualization.
- Trained the model on a custom Roboflow dataset to improve detection accuracy.

Student Management System (Spring Boot)

Tech: Java, Spring Boot, Spring Data JPA, MySQL, REST API

- Developed a RESTful Student Management application using Spring Boot.
- Implemented CRUD operations with Spring Data JPA and MYSQL.
- Designed layered architecture using Controllers, Services and Repository.
- Tested APIs using Postman and handled exceptions with proper HTTP status code.

EDUCATION

Bachelor of Technology (B.Tech.) – Computer Science & Engineering
SVCET, Andhra Pradesh (Affiliated to JNTUK)
2021 – 2025 | CGPA: 7.67

KEY STRENGTHS

- Strong foundation in Java, OOP, and backend development
- Good problem-solving and debugging skills
- Experience building responsive UIs with modern frontend tools
- Understanding of REST APIs, SQL databases, and version control

ACHIEVEMENTS

- Built and deployed multiple end-to-end web applications.
- Improved application performance through debugging and optimization.
- Gained practical experience combining machine learning, backend logic, and UI development.