




# UJWAL AMBALDHAGE

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## SUMMARY

Computer Science undergraduate with strong expertise in Java and backend development using Spring Boot, REST APIs, and relational databases. Experienced in building full-stack applications with a focus on clean code, scalable architecture, and secure authentication mechanisms. Seeking software development roles to leverage problem-solving skills and contribute to scalable systems.

## EDUCATION

- Vellore Institute of Technology** **CGPA: 8.15/10.0**
  - Bachelor of Technology in Computer Science and Engineering* *Aug 2022 — July 2026*
  - Courses:** Operating Systems, Data Structures and Analysis of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases, Software Engineering

## TECHNICAL SKILLS

- Programming Languages:** Java, C++, Python, SQL
- Backend Technologies:** Spring Boot, Microservices, Spring Security, Spring Data JPA, Hibernate, RESTful APIs
- Database & Tools:** MySQL, PostgreSQL, Git, Docker, Maven, IntelliJ IDEA, VS Code, Postman
- Core Competencies:** Full-Stack Development, API Design, JWT Authentication, CRUD Operations, Agile Methodologies

## PROJECTS

### PetCare Management System | *Spring Boot, Angular, REST API, MySQL*

- Developed a full-stack pet clinic application with appointment scheduling, patient records, and veterinarian management features.
- Built RESTful APIs using Spring MVC and JPA for CRUD operations on pet, owner, and appointment entities with proper validation.
- Configured MySQL schema with entity relationships and implemented exception handling and input validation across backend services.

### Employee Management System | *Spring Boot, Angular, Hibernate, MySQL*

- Created an employee management system with features for adding, updating, deleting, and searching employee records.
- Implemented pagination and sorting for efficient data retrieval, using Hibernate for ORM and Angular Material for UI components.

### Task Management Application | *Spring Boot, Angular, Spring Security, JWT*

- Built a task tracking application with user authentication using JWT tokens and Spring Security configuration.
- Implemented role-based access control to restrict task operations based on user permissions (admin, user roles).
- Added task status tracking with due dates and priorities, exposing secured endpoints for creating, updating, and deleting tasks.

## EXPERIENCE

- Open Source Contributor** — Apache **June 2025 – Present**

Actively contributing to Apache open-source projects by reviewing GitHub issues, participating in feature discussions, and submitting pull requests to resolve bugs and improve existing functionalities.

## ACHIEVEMENTS

- Strengthened core algorithmic and problem-solving skills by consistently solving and contributing solutions to the LeetCode community in Java, achieving a 200+ day daily streak and solving nearly 500+ DSA problems in 2025

## CERTIFICATIONS

- Oracle Certified Foundations Associate, Java** **Exam 1Z0-811 — Apr 2025**  
[Verification Link](#)
- Oracle Certified Professional: Java SE 17 Developer** **Exam 1Z0-829 — Aug 2025**  
[Verification Link](#)

## VOLUNTEER EXPERIENCE

- Health-O-Tech Club, VIT Bhopal** — Content Team Member **Aug 2022 — Apr 2023**

Collaborated on content creation for club events, newsletters, and social media to promote health-tech initiatives on campus.
- Telugu Club, VIT Bhopal** — Event Team Member **Aug 2023 — Mar 2024**

Coordinated cultural events and performances, managing logistics and team coordination.

## ADDITIONAL INFORMATION

- Languages:** Telugu (Native), Marathi, Hindi, Kannada, English