

Vaibhav Pawar

+91-7058262342 | vaibh.8557@gmail.com | [Portfolio](#) | [LinkedIn](#) | [LeetCode](#) | [GitHub](#)

Education

Vellore Institute of Technology (VIT)

Bachelor of Technology in Computer Science

Vellore, TN

Sep 2021 – Jun 2025

- TopCoder Award: Awarded to the top 3.6% of students for competitive programming
- Conference Paper: Published paper on Audio Emotion Detection and Analysis System
- CGPA: 9.50

Experience

Software Engineer I | Java, Spring Boot, MySQL, AWS, Kubernetes, Jenkins

Sep 2025 – Present

Clear | Bangalore, KA

- Working on a global workspace migration at Clear, consolidating user workspaces across multiple regions (India, Europe, Malaysia, Middle East, GCC) into a single unified platform.
- Migrating workspace data from regional databases into a centralised global database, enabling users to switch between multi-country workspaces from a single screen without separate logins.

Software Engineer Intern | Java, Spring Boot, Flowable, AWS, Kubernetes, Jenkins

Jan 2025 – Aug 2025

Clear | Bangalore, KA

- Designed and built scalable, configurable BPMN-based workflow orchestration solutions for document-based Supply Chain applications using Java microservices.
- Handled invoice digitization, creation processes, and orchestration of various service and user tasks within the workflow.

Projects

Rideflow Saga Choreography | Java, Spring Boot, Kafka, Redis, PostgreSQL, WebSocket, Docker

Mar 2026 – Apr 2026

- Ride booking backend with Spring Boot microservices communicating via Kafka using choreography-based Saga pattern.
- Implemented Redis geospatial driver matching, real-time WebSocket GPS tracking, idempotent payments, and Outbox pattern for guaranteed event delivery across distributed services.

Job Board APIs | Java, Spring Boot, PostgreSQL, JWT, Docker, Flyway, JPA, Microservices

Jan 2026 – Feb 2026

- Built a production-grade Job Board REST API in Java Spring Boot with JWT authentication, a three-layer security model (role-based access control + ownership checks), and dynamic job search using JPA Specifications.
- Implemented Flyway database migrations, PDF resume upload, and full Docker Compose deployment with PostgreSQL, following OWASP API security best practices.

Achievements

Health Intellect – Wearable Device

Yuvamanathan Hackathon 2025 Winner IIT-M

Nov 2024 – Feb 2025

- Built an AI-powered and IoT-based wearable health tracking device to track EEG, EMG, EOG, and ECG signals.

Smart Inventory Management Tool

Walmart Hackathon 2024 – Certificate of Appreciation

Aug 2024 – Sep 2024

- Created an AI-powered inventory management system with real-time stock monitoring and automated reordering.

Deep Learning Based Plant Disease Detection

Innovation Week Hackathon 2024 Winner

Jan 2024

- Developed and deployed a plant disease detection system using deep learning.

AI/ML Cybersecurity Tool Development

Smart India Hackathon 2023 Winner

Aug 2023 – Dec 2023

- Developed a cybersecurity tool for anomaly detection in network traffic and enhanced threat prevention.

Machine Learning Based Crop Care Tool

Yantra Hackathon 2023 Prize

Jun 2023

- Designed a crop care tool using an ML algorithm for early plant disease diagnosis.

Clubs

Secretary: IoTinc, Internet of Things – VIT Student Club

Core Committee Member: ADGVIT, Software Development – VIT Student Club

Technical Skills

Programming Languages: C++, Java, Python **Framework:** Spring Boot

Databases: MySQL, MongoDB **Tools:** Kubernetes, Docker, Git, Jenkins, AWS