

## Career Objective

Motivated and detail-oriented Java Developer with a strong foundation in Java and OOP. Currently in the learning phase of Spring Boot, React.js, and Data Structures & Algorithms (DSA), with hands-on project experience applying these technologies in AI-powered application. Presently interning at VM3 Tech Solutions LLP, contributing to backend development, API integration, and database handling. Eager to strengthen my expertise in development while delivering value to dynamic software projects.

## Education

### Bachelor of Engineering ( Automation & Robotics )

Modern Education Society's Wadia College of Engineering

CGPA : **7.33**

PUNE, Maharashtra

### Higher Secondary Education (Computer Science)

Maharashtra Institute Of Technology Polytechnic

Percentage: **79.20%**

Aurangabad, Maharashtra

### Secondary Education

Oyester English High School

Percentage: **77.00%**

Aurangabad, Maharashtra

## Technical Skills

- **Languages:** Java, JavaScript, HTML, CSS , Python(beginner)
- **Frameworks & Libraries:** Spring Boot (beginner) , React.js (beginner), Tailwind CSS, Chakra UI, DaisyUI
- **Databases:** SQL (MySQL),MongoDB, Redis
- **AI & LLMs:** Ollama, DeepSeek, LLM- **integration** based
- **Tools & Platforms:** Git, GitHub, Eclipse, IntelliJ IDEA, VS Code, Postman, SonarLint
- **Cloud & Distributed System:** MongoDB Atlas, Redis Cloud, External API Integration
- **Core CS:** Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA) “(beginner)”

## Project

1. **B.E. Project – Autonomous UAV (Unmanned Aerial Vehicle)** (Ros2 , Slam ,gazebo)
  - Conducted a comprehensive literature review and gathered relevant research papers.
  - Developing an autonomous drone using ROS2 for navigation and control.
  - Designed and analyzed the UAV frame for optimal performance and structural integrity.
  - Selected appropriate hardware and components for building and operating the UAV.
- 2 **AI-Powered Resume Generator** | Spring Boot, | Ollama, | DeepSeek, | React.js (in progress) [[GitHub](#)]
  - Developed a Spring Boot backend with REST APIs, integrated with the Ollama DeepSeek model for AI-driven resume generation.
  - Tested endpoints locally using Postman..
  - **Key Features:** AI-enhanced resume builder, CORS handling, API integration.
- 3 **Journal App** | Spring Boot, | MongoDB Atlas, | Redis, | JWT, | Spring Security, | JUnit (Completed) [[GitHub](#)]
  - Built complete REST API backend using Spring Boot 3.4 with MongoDB Atlas for cloud storage.
  - Implemented JWT authentication with role-based authorization using Spring Security .
  - Integrated **Swagger/OpenAPI** for interactive API documentation
  - Added Redis caching layer for faster read performance.
  - Integrated external APIs, email sending, and scheduled tasks.
  - Applied SonarLint for code quality and added structured logging.
  - Wrote unit tests using JUnit & Mockito.
- 4 **Personal Portfolio Website** | *HTML* | *CSS*
  - Created a fully responsive portfolio website showcasing skills, projects, and contact information.
  - **Portfolio Link:** <https://2003vandu.github.io/Portfolio/>

## Internship Experience

### Software Intern | VM3 Tech Solutions LLP, Pune (Currently Working)

- Learning full-stack development using Spring Boot (backend) and React.js (frontend).
- Contributing to small-scale full-stack applications under senior guidance.

### Technical Intern | Indian Army Workshop 512, Pune (2024)

- Assisted in system diagnostics, inventory data handling, and maintenance logs.
- Exposure to process automation, reporting tools, and workflow optimization.
- Learned discipline and precision in defense-grade environments.

## Achievements & Certifications

- UiPath RPA Developer Foundation Diploma – UiPath Academy
- Techsurf-2025 @ Contentstack – Gained practical React.js knowledge, dev environment setup
- Generative AI Workshop – Hands-on with prompt engineering, API integration, and automation