

Varad Babasaheb Jumbad

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EDUCATION

Vishwakarma Institute of Technology, Pune | 2022-2026 | CGPA: 8.61

B. Tech, Computer Engineering

Dhole Patil College, Wagholi, Pune |2020-2022| Marks: 70%

Higher Secondary Certificate (HSC)

Pawar Public School, Pune |2016-2020| Marks: 88.17%

Secondary School Certificate (ICSE)

SKILLS

Languages: Java, Python(basics) , SQL

Frameworks/Tools: Spring Boot , React , Git , GitHub

Databases: MySQL, PostgreSQL

Concepts: Data Structures & Algorithms , OOP, DBMS , OS , REST APIs , SDLC , System Design

Soft Skills: Team Collaboration, Communication, Ownership, Adaptability

WORK EXPERIENCE

Cerence AI - Internship

SDE Intern(Cloud Speech) | Feb-2026 to Present

- Working on various projects across all Premium Automobiles companies as clients.
- Deep understanding of Complex and Detailed workflows of full fledged systems
- Primarily working on Java, SpringBoot, REST API ,Cassandra DB, OneCloud and Various protocols.

Pune Municipal Corporation – Complaint Data Analysis (Industry Project)

Project Lead | 2025

- Analyzed multi-year civic complaint data to identify key patterns, inefficiencies, and data gaps.
- Suggested an ML-based classification system to automatically categorize and route civic complaints.
- Tech- PowerBi , Machine Learning Concepts.

TECHNICAL PROJECTS

EcoMart – E-Commerce Platform with Microservices Architecture

Java, Spring Boot, React, Node.js, MongoDB, MySQL | 2025

- Built full-stack e-commerce platform with 3 backend microservices and 2 React frontends.
- Implemented JWT authentication, OTP email verification, cart management, and order processing.
- Tech: Spring Boot + MySQL (auth), Node.js + MongoDB (products/cart), React + Vite (UI), Gmail SMTP (emails).

FireSentinel –YOLOv8-Based Wildfire Early Warning System

ML | 2024

- Trained a custom YOLOv8 model for real-time fire/smoke detection in aerial and surveillance footage.
- Tech: Python, YOLOv8, OpenCV, Numpy

CERTIFICATIONS

- GenAI - Basics
- Google Cloud Computing Foundations
- Kubernetes for Beginners
- DevOps For Beginners

CO-CURRICULAR & LEADERSHIP

• Function Execution Head - VIT Pune Model United Nations (2023-2024)

- Led a 10 member team for event management and logistics handling.

ACHIEVEMENTS

- 5th ICDICI 2024 (IEEE Xplore) – Forest Fire and Smoke Detection Using ML Algorithm.
- ICICDS 2025 (Springer) – IndiArt: AI-Powered Indian Art Exploration System.
- Patent Filed (2023) – MineGuard Pro: A Smart Helmet for Coal Miners.