

# Pranav Attarde

+91 9284909945 | pranavattarde722@gmail.com | Pune, Maharashtra  
linkedin.com/in/pranavattarde | github.com/pranavattarde | leetcode.com/u/pranavattarde

## SUMMARY

Computer Science (AI & ML) undergraduate with experience building end-to-end software and AI-powered applications, focused on user needs and practical problem-solving. Smart India Hackathon National Nominee, Project Morpheus National Hackathon Finalist, leader of a 75+ member student committee, and Samsung Campus Ambassador. Motivated to translate technical expertise into meaningful product outcomes.

## EDUCATION

**Vishwakarma Institute of Information Technology (VIIT), Pune** **CGPA: 8.62**  
Bachelor of Technology in Computer Science and Engineering (AI&ML) **Aug 2023 - Jun 2027**

## EXPERIENCE

**Zyntech Solutions – Web Developer Intern** **Jul 2026 – Oct 2026**

**Technologies:** Node.js, Express.js, RESTful APIs, MongoDB, MySQL, Git, GitHub

- Developed RESTful backend APIs using Node.js and Express.js to support web application functionality.
- Integrated Discord OAuth2 and JWT authentication for user sign-in and protected backend API access.
- Built 3 queue endpoints supporting 10 priority tiers, with MySQL-backed records for time-limited server access.
- Tested and debugged REST APIs, resolving integration errors and improving backend reliability.

**My WebRide Technologies – AI Developer Intern (Industry Project)** **Jan 2026 – Apr 2026**

**Technologies:** Node.js, Express.js, MongoDB, AWS Rekognition, Google MediaPipe, JWT Authentication

- Delivered a real-time examination platform supporting 4 identity verification, behavioral analysis, and proctoring modules.
- Implemented an AI-powered online proctoring system using computer vision and ML, reducing manual review time significantly.
- Designed a real-time risk engine combining 4 behavioral and visual signals for explainable malpractice detection.
- Built 2 JWT-secured RBAC dashboards with live monitoring, event-driven alerts, and candidate performance analytics.

## TECHNICAL PROJECTS

**FrontWing – ([frontwing.pancred.space](#))** **Jun 2026 – Jul 2026**

**Tech:** Express.js, FastAPI, PostgreSQL, Redis, FastF1, Gemini, Groq, WebSockets, Hugging Face

- Architected **FrontWing**, a multi-service F1 race-intelligence platform for telemetry analysis, strategy simulation, and race insights.
- Crafted LangGraph AI workflows using FastF1 tools to answer race questions with telemetry-backed evidence.
- Used Redis to cache shared race data and investigation results, avoiding repeated retrieval and processing.
- Linked Express and FastAPI with PostgreSQL persistence for race analysis and async request handling.

**PanCred – ([pancred.space](#))** **Feb 2026 – Mar 2026**

**Tech:** Node.js, Express.js, MongoDB, Redis, Solidity, Ethereum (Sepolia), Web3.js, Blockchain, AWS, RESTful APIs

- Established a decentralized microfinance platform with 3 lending modules: peer-to-peer lending, loans, and repayments.
- Integrated 3 smart contract workflows for EMI tracking, repayment validation, and automated default detection.
- Formulated a credit risk scoring engine using 4 lending parameters for interest pricing and loan decisions.
- Deployed cloud-hosted backend APIs integrating MongoDB, Redis, and blockchain transaction services on AWS.

## TECHNICAL SKILLS

- Programming Languages:** Java, Python, SQL,
- Web Development:** Node.js, Express.js, RESTful APIs, MongoDB, MySQL, PostgreSQL
- AI/ML:** Generative AI, Agentic AI, LLMs, RAG, Natural Language Processing (NLP), LangChain, LangGraph, Computer Vision
- Cloud, DevOps & Tools:** AWS, Git, GitHub, CI/CD,
- Security & Scalability:** JWT, OAuth2, RBAC, API Design, Database Design, Caching
- Computer Science Fundamentals:** Object-Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems, Computer Networks,
- Product Management:** Requirements Analysis, Feature Prioritization, Product Analytics, Agile, Scrum, Stakeholder Management

## CERTIFICATIONS

- Oracle: Agentic AI Foundations Associate
- Coursera: Fundamentals of NLP
- Coursera: Generative AI Fundamentals by IBM
- Coursera: Tableau Business Intelligence

## ACHIEVEMENTS & LEADERSHIP

- Smart India Hackathon National Nominee
- Finalist at Project Morpheus (National-Level Hackathon)
- Earned ₹25,000 through freelance project by building website
- Achieved 97.75 Percentile in MHT-CET.
- Samsung & College Rivals Campus Ambassador and Lead 75+ Members Team at CEC, VIIT