

Dhiraj Rajput

☎ +91 79727 42879 | ✉ rajputdhiraj1010@gmail.com | 🔗 LinkedIn | 🐙 GitHub | 🌐 Portfolio | 📍 Pune, India

Education

B.Tech CSE (Cybersecurity & Forensics)	Dr. Vishwanath Karad MIT-WPU, Pune	Aug 2023 - Present	CGPA 8.87/10
Class XII (Maharashtra Board)	Smt. C. H. Mansukhani College, Ulhasnagar	Jun 2021 - May 2023	85.50%
Class X (SSC Board)	RCT's P.M.M. Rotary School, Ambernath	Jun 2020 - May 2021	95.00%

Experience

Software Engineer Intern Jul 2025 - Dec 2025
OrbitAvanya Tech LLP Remote - Pune, India

- Built a multi-tenant AI SaaS for tender discovery and automated proposal drafting with CRM workflows and research agents. Engineered a self-hosted AI SDR automating LinkedIn sequences and cold-email campaigns with deliverability tracking. Developed an enterprise mental performance platform with coaching modules and privacy-first wellbeing analytics.

Projects

- Neo-Analytics - Real-Time Asteroid Pipeline** 🐍 | *Python, Kafka, Spark, TimescaleDB, Grafana* 2025 - 2026
- Built a Dockerized streaming pipeline ingesting NASA NeoWs close-approach data through **Kafka**, processed by **Spark** consumers into **TimescaleDB**.
 - Enriched records from JPL and ESA APIs with concurrent producers, identifier fallbacks, and 404 hold-caching to tolerate partial data.
 - Served data via **FastAPI**, a **Next.js** 3D interface, and **Grafana** dashboards, with history tables for traceability.
- BidForge - AI RFP Analysis & Proposal Automation** 🐍 | *TypeScript, LangChain, MongoDB, AWS* Apr 2026
- Built a multi-agent LLM pipeline using LangChain and Gemini 2.5 Flash for RFP analysis and proposal generation, with RAG inventory matching on MongoDB Atlas Vector Search and AWS S3 PDF output, cutting proposal turnaround from days to minutes.
- RakshaNetra - Proactive Data Leakage Prevention** 🐍 | *Python, FastAPI, Privacy Engineering* Mar 2026
- Designed a local-first proxy that redacts sensitive text and images in real time before prompts reach LLMs or browsers, with sub-millisecond token sanitization and local audit logging.
- VACARS - Voice-Assisted Context-Aware Response System** 🐍 | *Raspberry Pi, OpenCV, LLMs, IoT* 2026
- Integrated object detection, audio processing, and Generative AI on Raspberry Pi for blind navigation: 0.6s wake-word latency, 93% speech accuracy, and 88% obstacle detection.

Research & Publications

Cureus/Springer Nature 2026: Integrating Computer Vision and Large Language Models for Real-Time Blind Navigation
ICICSCS 2026: Hierarchical and Chunk-Based Log Representations for Multi-Stage Attack Detection in Microservices

Technical Skills

Programming Languages: Python, Go, TypeScript, JavaScript, C/C++, SQL
Backend & Data: FastAPI, Django REST, Node.js, Kafka, Spark, TimescaleDB, MongoDB, Redis, WebSockets
Frontend: React, Next.js, Tailwind CSS
Cloud & DevOps: Docker, AWS (S3, EC2), Oracle Cloud (OCI), Linux, Git, CI/CD
Security & AI: Digital Forensics, Intrusion Detection, PII Sanitization, LLMs, RAG, Multi-Agent Systems, OpenCV
Soft Skills: Problem Solving, Critical Thinking, Effective Communication, Adaptability, Team Leadership, Results-Driven
Spoken Languages: English, Hindi, Marathi

Certifications & Achievements

Certifications: Oracle Cloud Foundations Associate (2026); Cisco Endpoint Security (2026); Cisco Junior Cybersecurity Analyst Career Path (2026)
Hackathons: 2nd Place - Ignisia, National AI Hackathon (Apr 2026); 5th Place - Ciphathon, National Cybersecurity Hackathon (Mar 2026)
Speaker: DevConf 2025 - "AI in Cybersecurity"