

VARUN NIKHIL INAMDAR

B.Tech AI

+91-7517277551 vninamdar03@gmail.com [Linkdin](#) [Github](#) Pune, India

EDUCATION

Vishwakarma University

B.Tech in Artificial Intelligence | CPGA: 8.7

Double Minor - Cybersecurity

Pune, India

07/2023 - 06/2027

SUMMARY

Motivated and detail-oriented AI and cybersecurity enthusiast currently pursuing B.Tech in CSE (AI). Adept at building AI-powered systems, real-time applications, and research-oriented solutions. Experienced in deploying AI models and integrating deep learning with web technologies. Passionate about combining theory with practical innovation, with a track record of team leadership and event organization.

PROJECTS

Smart Guard Surveillance System

Jan 2025 – April 2025

Real-Time CCTV with AI-Based Detection using Raspberry Pi 3

- Designed a smart surveillance system for fire, helmet, crowd, and weapon detection using deep learning and OpenCV.
- Enabled live video monitoring through Raspberry Pi and a web-based dashboard for real-time alerts.
- Tech Stack** : Developed using Python, OpenCV, Flask, and deployed on Raspberry Pi 3 with webcam integration.

Cybersecurity AI Tutor and Evaluator

Jan 2025 - Present

- Developed a cybersecurity AI tutor using Ollama that delivers topic-wise explanations, adaptive MCQs, and real-time evaluation with confidence-based scoring.*
- Tech Stack**: Built using Python, FastAPI, and React, with local LLM integration via Ollama and frontend-based PDF generation.

Resume Ranker AI

Apr 2025- May 2025

Smart System to Rank Job Applicants Based on Resume Matching

- Implemented a machine learning pipeline to extract and match keywords from resumes against job descriptions.
- Ranked candidate suitability and provided recruiter-facing reports with scoring and keyword insights.
- Tech Stack** : Built using Python, NLP (SpaCy, NLTK) , scikit-learn, Pandas, and Flask for backend processing and API delivery.

CERTIFICATES

- IBM

Business Intelligence Foundations with SQL, ETL and Data Warehousing Specialization

Certificate

Jan 2025 – May 2025
- Google

Data Analytics Certificate

certificate

Feb 2024 - June 2025

SKILLS

Programming: Python, SQL, Flask, Go, Java, PyTorch, TensorFlow, Keras, Scikit-Learn, Pandas, OpenCV

Systems & Concepts: Parallel Programming, Task Scheduling, Distributed Systems, Operating Systems, GCP

Soft Skills: Leadership, Seeker Mindset, Team-player, Public Speaking, Problem-Solving, Creative, Quick learner

EXPERIENCE

- Drone Project Internship:

Southern Command – Hardware & AI Team Member

- Designed payload drone system with high-load capacity and intelligent navigation.
 - Implemented object detection, avoidance, and path tracking modules.

June 2024 – Dec 2024
- Security Analyst – Web Application Vulnerability Assessment: (Nimka.in)

April 2025

- Conducted a vulnerability assessment on nimka.in using OWASP ZAP, identifying issues like unencrypted forms and missing security headers.
 - Documented findings per OWASP Top 10 with reproducible steps and mitigation guidance in a structured vulnerability report.

EXTRA-CURRICULAR ACHIEVEMENTS

- Core Head, Visionary Club – Vishwakarma University

Led sponsorship campaigns for major events including AI Olympiad 2025 and Hackathon 2025, securing tech and food sponsors.
- National Silver Medalist – Skating (2016)

Achieved silver at the National Skating Championship 2016, demonstrating discipline, competitiveness, and athletic excellence.

