

NAKUL VERMA

Full Stack Developer

✉ nnakulverma8@gmail.com ☎ +91 7060458431 📍 Greater Noida, India 🔗 nakulverma.dev
🐙 github.com/nakul-verma2 🔗 linkedin.com/in/nakul-verma-here

Education

Bachelor of Technology (Dr. A. P. J. Abdul Kalam Technical University, Lucknow), 2023 – 2027
KCC Institute Of Technology And Management Greater Noida, India

Professional Experience

- Freelance Backend Developer, WandrAI (Verso)** 10/2025 – 11/2025 Remote
- Architected and deployed scalable backend API endpoints and microservices using Python, Node.js, and PostgreSQL to manage complex dashboard telemetry and data streams.
 - Designed and optimized database schemas and query execution plans, successfully cutting data processing time by 20%.
- Python Full Stack Developer Intern, Zenlynx Technologies** 08/2025 – 09/2025 Remote
- Engineered automated Python ETL pipelines to transform multi-layered Excel datasets into structured JSON/SQL formats, reducing manual data processing time by 65% and eliminating human entry errors.
 - Built a real-time RAG-based audio analysis engine using NLP and Deep Learning to detect distress patterns; implemented an automated emergency trigger system with 90%+ detection accuracy in high-noise environments.
 - Optimized document generation workflows, significantly reducing manual data entry time for clients.
- Python Developer Intern, CodSoft Solutions** 09/2024 – 10/2024 Remote
- Enhanced web application performance by implementing caching strategies, resulting in 30% faster load times.
 - Integrated LLM-based features to automate text analysis tasks, cutting processing time by 60%.
 - Implemented secure server-side authentication protocols to protect user data.

Projects

- VisionX: Real-Time Object Detection System,**
GitHub: github.com/nakul-verma2/visionx YOLOv8, Python, Flask, Machine Learning
- Built a GPU-accelerated platform for real-time detection of industrial safety equipment, achieving 92%+ accuracy.
 - Streamlined training workflows with automated scripts, reducing model retraining time by 40%.
- ResumeSnap: AI Resume Analyzer,**
GitHub: github.com/nakul-verma2/resumesnap Python, NLP, OCR, LLM
- Developed an automated resume parsing platform using NLP transformers to match candidates with job descriptions.
 - Reduced manual screening effort by 65% by implementing custom scoring algorithms and keyword matching.
- VoiceGuard: Audio Analysis & Threat Detection Engine** 🔗,
GitHub: github.com/nakul-verma2/resumesnap Python, RAG, Whisper, LLM, WebRTC VAD
- Developed an end-to-end voice monitoring platform leveraging Deep Learning and Retrieval-Augmented Generation (RAG) to process realtime audio streams.
 - Implemented high-accuracy distress detection algorithms and low-latency automated trigger mechanisms for rapid emergency alerting

Achievements

- Secured #1 Position in National Level Hackathon for innovative AI solution.
- Led a 4-person team to automate yearly reporting using Python, saving 120+ man-hours per cycle.
- Google Cloud Professional Cloud Developer Certification.

Technical Skills AND Non-Technical Skills

Languages: Python, C/C++, Java, JavaScript
Tools Technologies: NodeJS, ReactJS, FastAPI, Django, Flask, Docker, AWS (Lambda, S3), Git, REST APIs.
AI/ML: LLMs, RAG, Looping , Prompt Engineering, Agentic AI, ML, YOLOv8, NLP.
Databases: PostgreSQL, MySQL, MongoDB, VectorDB, Firebase.