KANISHK PRASAD

4th-year Computer Science student specializing in Backend Development and AI Engineering

+919310656821 kanishkprasad6@gmail.com LinkedIn GitHub Website New Delhi, India

PROFESSIONAL SUMMARY

4th-year CS student (Exp. 2027) focused on **Backend Development** and **AI Engineering**. Experienced in delivering **scalable web applications** and developer tools using **Python, FastAPI, and React**. Passionate about **AI integration** in production systems. Experience in **Linux** and **AWS cloud platform.**

EDUCATIONS

GN Group of Institutes | Greater Noida, India — Sep 2023
Bachelor of Technology in Engineering

PROJECTS

RFP Auto Drafter | Website Github — Aug 2026 - Oct 2026
Solo Developer

- Developed an **AI-powered RFP analyzing chatbot** using FastAPI, LangGraph, Groq LLMs, and Supabase, enabling document ingestion, semantic search, and context-aware proposal generation through RAG.
- Utilized **PyMuPDF, Gemini embeddings, pgvector, and Redis/RQ** for asynchronous PDF vectorization, conversational memory, and scalable retrieval.

Technologies / Tools Used : *Supabase, Typescript, FastAPI, LangGraph, Redis Cache, Redis Queue*

GroundWork CLI | Website Github — Apr 2026 - May 2026
Solo Developer

- Built and published an interactive CLI tool to PyPI, enabling developers to practice fixing real-world cybersecurity vulnerabilities (CVEs) directly in their terminal.
- Developed a **FastAPI backend** hosted on the cloud, utilizing Docker for deployment and implementing IP rate limiting for a secure and reliable API.

Technologies / Tools Used : *Python, FastAPI, Docker, PyPI, Hugging Face*

Amazon Price Tracker | Website Github — Jan 2026 - Feb 2026
Solo Developer

- Built a full-stack consumer tool to track online product prices and automate drop alerts, utilizing a **React/TypeScript frontend** and a **FastAPI backend**.
- Developed a backend for web scraping and background task queuing using **PostgreSQL and Redis**, alongside an intuitive **React frontend** with interactive data visualizations.

Technologies / Tools Used : *FastAPI, React, TypeScript, PostgreSQL, Redis, Web Scraping*

CERTIFICATIONS

Full Stack Generative and Agentic AI with Python | Udemy (Sept 2026)

- Completed a 32.5-hour course on building generative and agentic AI applications in Python, covering LLM integration, agent workflows, and full-stack deployment.

Agentic AI Certified Foundations Associate | Oracle University (Aug 2026, valid till Aug 2028)

- Oracle-certified in the fundamentals of agentic AI: how AI agents reason, plan, use tools, and coordinate in multi-step workflows.

SKILLS

Databases :	PostgreSQL, MongoDB, Redis, SQLite, Supabase
Frameworks & Libraries :	FastAPI, LangChain, LangGraph, Pandas, Numpy
Languages :	English, Hindi
Programming Languages :	Python, JavaScript, SQL
Tools & Platforms :	AWS, Docker, Git, Github, Postman, Linux, Bash