Raghav Taneja

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Professional Summary

Motivated **Full Stack Python Developer** with a proven track record of **engineering** secure, scalable applications and **optimizing** AI-driven solutions. **Spearheaded** high-impact projects in national-level hackathons, **architecting** robust backends with FastAPI and **designing** intuitive, responsive user interfaces. **Leverages** strong fundamentals in Python and database management to **deploy** enterprise-ready software and **contribute** to high-performance IT environments.

Experience

Associate Software Engineer Intern   *Jan 2026 – Present*
Krishnova LLP

– Contributing to backend development using **Python** and RESTful APIs for internal and client-facing applications.

– Assisting in implementing and testing software modules with emphasis on clean code and reusability.

– Working with databases to handle CRUD operations, validations, and performance improvements.

– Collaborating with senior engineers in a remote agile environment to understand real-world development workflows.

Education

- **BCA**, Graphic Era University, Dehradun   2023–2026
  GPA: 7.10/10.0
- **Class 12 (CBSE)**, Rainbow School, Saharanpur   2023
  Percentage: 70.33%
- **Class 10 (CBSE)**, Rainbow School, Saharanpur   2021
  Percentage: 73.40%

Technical Skills

- **Languages:** Python, JavaScript, Java, C, C++, SQL
- **Web Development:** HTML5, CSS3, Bootstrap, React, Vite, FastAPI, Flask, Django
- **Databases:** MySQL, SQLite, Firebase
- **Tools & Platforms:** Git, GitHub, LangChain, GCP, Linux, LaTeX, Figma
- **Other Technologies:** OpenCV, AES-256, Deep Learning (SSD), REST APIs

Projects

Veritas Health App – Medical Misinformation Detection | FastAPI, React, LangChain   *Nov 2025*
– Architected a full-stack application using FastAPI and React (Vite), leveraging LangChain and LangGraph to orchestrate an AI agent.
– Integrated Google Gemini 1.5 Pro with DuckDuckGo Search API and OCR tools for claim verification.
– Designed a glassmorphism-based UI with confidence scoring and verification indicators.

Secure File Encryption and Decryption Tool | Python, Tkinter, SQLite   *Apr 2025*
– Built a desktop application implementing AES-256-GCM encryption for secure file handling.
– Used PBKDF2 for key derivation and SQLite for secure metadata storage.

Face Recognition using AI | Python, OpenCV   *Nov 2024*
– Developed a real-time face recognition pipeline using SSD and LBPH algorithms.
– Automated dataset collection and preprocessing for custom model training.

Achievements

– Top 30 out of 1800+ teams at TechSprint Hackathon, Graphic Era University.

– Participant in Mumbai Hacks 2025 (National-level Hackathon).