

Yogita Singh

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EDUCATION

- **Geeta University** Aug 2023 – Aug 2027
B.Tech in Computer Science and Engineering
- **DAV Police Public School, Panipat** Apr 2022 – Apr 2023
CBSE (Intermediate) — **90%**
- **Jawahar Navodaya Vidyalaya, Andaman** Apr 2020 – Apr 2021
CBSE (Matriculation) — **94%**

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, TypeScript, C++, C, SQL, HTML, CSS
- **Frameworks & Libraries:** FastAPI, Flask, React.js, Next.js, Node.js, scikit-learn, TensorFlow, PyTorch
- **Tools & Platforms:** Git, Docker, Vercel, Render, Groq API, OpenAI API, Hugging Face, MySQL, Firebase

EXPERIENCE

- **ML Intern — Appsquadz Software Pvt. Ltd.** Jun 2025 – Aug 2025
 - Engineered a Car Price Prediction model using regression algorithms including Random Forest.
 - Built end-to-end ML pipeline with data preprocessing, feature engineering, and model evaluation.
- **Python Development Intern — Geeta Technical Hub** Jun 2024 – Aug 2024
 - Developed interactive dashboards using NumPy, Pandas, Matplotlib, Seaborn, and Plotly.
 - Improved code efficiency and delivered actionable insights from real-world datasets.

PROJECTS

- **Network Health Sentinel — AI-Powered Network Intrusion Detection** GitHub | Live
 - Built an unsupervised ML IDS using **IsolationForest** with 7 engineered features to detect DoS, Port Scan, Brute-Force, and Data Exfiltration from CSV logs and real Wireshark **PCAP** captures via Scapy.
 - Integrated **Groq/Llama-3.3-70B** for MITRE ATT&CK-mapped SOC reports; deployed on Render + Vercel with real-time **SSE streaming**, IP geolocation, Slack alerts, and PDF/JSON export.
- **CareerKarma — MERN Stack Job Portal** GitHub
 - Developed a full-stack job portal using MongoDB, Express.js, React.js, and Node.js with **1000+ job listings**.
 - Implemented user authentication, job search & filtering, resume builder, and AI-based resume analyzer.
- **Personal Portfolio Website (Next.js)** GitHub
 - Built a responsive portfolio using Next.js with optimized routing, SEO-friendly architecture, and smooth UI/UX.
 - Showcased projects, skills, and certifications with clean design; deployed on Vercel with CI/CD via GitHub.

CERTIFICATIONS

- EC-Council Certified Ethical Hacker (CEH) Dec 2024
- Cisco Introduction to Cybersecurity Jan 2024
- IBM Data Privacy Fundamentals Nov 2023
- ISEA Certified Cyber Hygiene Practitioner Nov 2023

AWARDS & RECOGNITION

- HackForge 2.0 — 3rd Prize (among 144 teams, 498 participants); built a 3D Digital Twin using Three.js and GSAP
- Hack2skill — Campus Ambassador (Geeta University)
- GATE CSE 2026 — Qualified
- Smart India Hackathon (Internal Round) — Finalist
- Code-A-Haunt Hackathon — AI-powered Mental Health Consultant prototype
- HackForge Hackathon — AI-based mood-driven music selector