

# Yogita Singh

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## EDUCATION

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- **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

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- **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

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- **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

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- **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

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- 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

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- Smart India Hackathon (Internal Round) — Finalist
- Code-A-Haunt Hackathon — AI-powered Mental Health Consultant prototype
- CodeForge Hackathon — AI-based mood-driven music selector