

NITESH AGARWAL

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EDUCATION

Guru Gobind Singh Indraprastha University

New Delhi, India

B.Tech in Computer Science Engineering

2024 – 2028 (Expected May 2028)

RELEVANT COURSEWORK Data Structures & Algorithms, Operating Systems, DBMS, AI/ML, Computer Networks

TECHNICAL SKILLS

LANGUAGES Python, TypeScript, JavaScript, C++, SQL

FULL-STACK Next.js, React, FastAPI, Flask, Node.js, PostgreSQL, Prisma, Docker

AI / ML PyTorch, TensorFlow, Scikit-learn, NumPy, LangChain, RAG, LLM Agents, Computer Vision, OpenAI API, Gemini API

CLOUD & ENGINEERING AWS, Vercel, CI/CD, REST APIs, System Design, API Architecture, Secure Application Architecture

EXPERIENCE

Origin Systems — Software Engineer Intern

Mar 2026 – Apr 2026

New Delhi, India

- Contributed to software and technology projects across development and digital solutions.
- Supported implementation, testing, and technical problem-solving within the team.

Echelon Mediaa — Graphic Designer Intern

Oct 2025 – Dec 2025

New Delhi, India

- Designed UI prototypes, social media creatives, and advertising assets for client campaigns.
- Developed reusable design components and workflows using Figma and Canva.

ENGINEERING PROJECTS

CyberSentry

[GitHub](#)

Python, FastAPI, Ollama, Simgrep, Bandit

- Built a fully local autonomous red-team AI pipeline for vulnerability scanning, triage, remediation debate, and automated patch generation.
- Developed multi-agent Red Team, Blue Team, Auditor & Judge workflows with risk scoring and human-approved auto-patching.

UNDERGROUND_0x1

[GitHub](#)

Next.js 15, TypeScript, Prisma, PostgreSQL, Clerk

- Built a full-stack CTF cybersecurity platform covering OSINT, Forensics, Cryptography, Reverse Engineering, Web Security, and Steganography.
- Implemented team systems, leaderboards, achievements, admin controls, RBAC, rate limiting, input validation, and secure flag handling.

Mirai

[GitHub](#)

Next.js, Python, LangChain, OpenAI, Google Cloud

- Built an AI marketing automation agent integrating 12+ APIs including LinkedIn and Instagram for posting, scheduling, and analytics.
- Developed intelligent customer-support chatbots with LangChain and integrated Razorpay for subscription management.

The Weekly Build

[GitHub](#)

Next.js, React, Open Source

- Shipped 19 distinct builds across small, feature, and major releases during a 2-week sprint.
- Documented the engineering journey publicly while validating features through community feedback.

LEADERSHIP & ENTREPRENEURSHIP

The Campus Chronicles (TCC) — Creative Strategist

Jun 2026 – Present

New Delhi, India

- Develop creative strategies and visual direction for campaigns, events, and digital content.
- Drive creative ideation, brand communication, and content positioning across platforms.

Arise — Founder

- Building a technology venture focused on web applications, mobile applications, UI/UX, e-commerce, and digital transformation.

ACHIEVEMENTS

- 5x Hackathon & Competition Winner | 12x Finalist
- Smart India Hackathon — Internal Qualified, 2025 & 2026
- 1st Place — IIT Delhi Tryst '25 (Technowar)
- GSSOC'26 — Top 100 Contributor
- Active Open Source Contributor & Mentor for Junior Developers
- Author of “Finding Myself in the Lies” — Self-Improvement / Philosophy