Rudrapratap Mishra

AI & Cybersecurity • Software Engineering • Generative AI

Lucknow, Uttar Pradesh | +91 9560955860 | maninder.rudra13@gmail.com
Portfolio: **rudrapratap.xyz** | GitHub: github.com/Rudra-113 | LinkedIn: linkedin.com/in/rudrapratap-mishra

PROFESSIONAL SUMMARY

B.Tech Computer Science & Engineering student focused on AI, cybersecurity, and software engineering. Builds practical security tools for phishing and scam detection, evidence correlation, and risk scoring, alongside Python, FastAPI, and React applications. Internship experience in enterprise AI adoption, Python, and machine learning. Cybersecurity lead and mentor in a college technical community.

EDUCATION

Babu Banarasi Das Institute of Technology and Management (BBDITM), Lucknow — 2025 – 2029
B.Tech, Computer Science & Engineering | SGPA: 7.4/10

EXPERIENCE

HCLTech | *AI Adoption Intern* — Aug 2026 – Present
- Selected for an 11-week hybrid internship contributing to enterprise AI adoption initiatives across SAP S/4HANA implementation, upgrade, and maintenance workflows.

DecodeLabs | *Python Programming Intern* — Aug 2026 – Sep 2026
- Completed the DecodeLabs Virtual Internship Program in Python Programming, working on real-world projects, collaborative tasks, and hands-on problem solving.

CodeAlpha | *Artificial Intelligence Intern* — Jul 2026
- Completed a one-month virtual AI internship covering machine learning technologies, analytical problem solving, and practical application development.

LEADERSHIP & COMMUNITIES

- **Cybersecurity Lead / Mentor**, College Technical Club: mentor students in cybersecurity and help organize technical events, sessions, and hands-on activities.
- **Upstream Lucknow**: community initiative for peer learning, with practical tracks in Python, cybersecurity, and full-stack development.

SELECTED PROJECTS

CYBERGUARD AI — **Autonomous AI Cyber Defense Agent** — *Python • AI/ML • Cybersecurity*
- Built a centralized security agent that coordinates three modules: PhishShield, UPI Shield, and NetSentinel Lite.
- Designed evidence-correlation, risk-scoring, and incident-reporting workflows across the module outputs.

PATCHPILOT AI — **AI-Assisted Software Maintenance & Security** — *React • TypeScript • Vite • Tailwind*
- Developed the developer-facing frontend and integrated backend APIs.
- Focused on production deployment and reliable browser-to-backend communication.

DOCUMEND LEDGER — **Medical Document Intelligence** — *Python • FastAPI • AI • PDF*
- Developed a prototype that analyzes medical bills and insurance-related documents using AI-assisted extraction and analysis workflows.

SCAMSHIELD — **AI Scam & Phishing Detector** — *AI • Web • Stripe • Clerk*
- Built an AI-powered scam and phishing analysis system with user authentication, scan history, and premium-feature payment integration.

TECHNICAL SKILLS

Programming	Python, C++, JavaScript, TypeScript, HTML/CSS
AI / ML	Artificial Intelligence, Generative AI, Prompt Engineering, Computer Vision, OpenCV
Cybersecurity	Phishing & URL Analysis, Network Monitoring, Reconnaissance, Scanning, IAM, Wi-Fi Security, Critical Infrastructure Protection
Development & Cloud	React, Vite, Tailwind CSS, FastAPI, Node.js, REST APIs, Git, GitHub, AWS, Google Cloud
Core CS	OOP, STL, Data Structures & Algorithms, File Handling, Problem Solving

ACHIEVEMENTS

2nd Place — Hackfest Lucknow 2026 | GDGoC SRMCEM × Major League Hacking (MLH), Team ALPHA++ — 21 Oct 2026
4th Position — Axis HackSprint 2.0 | National Level Hackathon, Team Trident — 3 Nov 2026
Shortlisted Participant — Smart India Hackathon 2026 | Team TEAM_TRIDENT_R4R5, BBDITM — 6 Oct 2026
Build With Bharat 2.0 | National-Level Hackathon, PPT Submission Round, Team Trident, NIT Delhi — 13–14 Sep 2026
ViCoDathon 2026 | Participant, India's AI Vibe Coding Hackathon
MyGov | Campus Ambassador

CERTIFICATIONS

freeCodeCamp: Python Developer Certification (~300 hours) | **Google Cloud:** Gen AI Academy APAC 2026 (Cohort 2)
AWS: Fundamentals of Machine Learning & AI; Essentials of Prompt Engineering
OPSWAT Academy: Introduction to Critical Infrastructure Protection | **Tata / Forage:** Cybersecurity Analyst Job Simulation

INTERESTS

AI-based Cybersecurity • Security Automation • Generative AI • Cyber Defense • Technology Research • Product Development