

Anurag Roy

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LinkedIn: [linkedin.com/in/anuragroy485](https://www.linkedin.com/in/anuragroy485) | GitHub: github.com/AnuragRoy485 | Portfolio: anuragroy.tech

Education

Techno India University, B.Tech in CSE (AI/ML) | CGPA: 8.01 [2023-2027]

Graduate Aptitude Test in Engineering (GATE) 2026 Qualified Computer Science and Information Technology (CS/IT)

Sri Ram Narayan Singh Memorial High School [2012-2023]

Skills

Technical: Red Teaming, OSINT, Blockchain Forensics, VAPT, DFIR, AI/ML, Web Development, R, R Shiny

Soft Skills: Public Speaking, Team Leadership, Writing

Summary

Currently pursuing a B.Tech in Computer Science and Engineering (AI/ML) and working as a Research Intern at CSIR-CRRI. Leveraging past experience as a Cybersecurity Intern with the Kolkata Police (STF and Cybercell) and a Security Researcher at CyberPeace Foundation. Passionate about cybersecurity, CTFs, web development, and building impactful, real-world technology solutions. Active contributor to communities like null and GDG TIU, recognized for achievements in security research and technological innovation.

Experience

Intern, Central Road Research Institute (CSIR-CRRI) - Apr 2026 - Present | Remote, Delhi, India

- Assisted in the Pavement Evaluation department, focusing on software development related to pavement analysis.
- Utilized R Shiny programming to create interactive applications for data visualization and analysis.
- Collaborated with team members to enhance software functionality and improve user experience.

Cyber Security Intern, Kolkata Police - Sep 2022 - Sep 2025 | Kolkata, India

- Assisted law enforcement in cybercrime investigations including fraud analysis, OSINT profiling, and digital evidence collection.
- Supported cybersecurity awareness initiatives and technical analysis of cyber threats affecting citizens.

Cyber Security Intern, CCOSW, Eastern Command HQ, Indian Army - Jul 2025 - Dec 2025 | Kolkata, India

- Worked on cybersecurity and digital threat assessment related to defense infrastructure and cyber operations.
- Assisted in vulnerability analysis, cyber intelligence research.

Security Researcher Intern, CyberPeace Foundation - Jul 2024 - May 2026 | Kolkata, India

- Conducted cybersecurity research on emerging threats, cybercrime trends, and digital safety.
- Contributed to awareness campaigns and research publications related to cyber security and policy.

Cybersecurity Domain Lead, GDG on Campus TIU - Oct 2024 - Present | Kolkata, India

- Leading cybersecurity initiatives, workshops, and knowledge sessions for students in the university community.
- Mentoring members on ethical hacking, digital forensics, and cybersecurity tools and practices.

Summer Intern, USI India - May 2024 - Jun 2024 | Remote, Delhi, India

- Assisted in research and technical projects related to defense studies and security technologies.
- Supported data analysis, documentation, and preparation of technical reports.

Junior Developer, Anachroni - Apr 2024 - Sep 2024 | Remote, Madrid, Spain

- Developed and maintained web applications using modern web technologies.
- Collaborated with the development team to implement features and improve platform performance.

Website Developer, The Bengal Studio - Jul 2023 - Jul 2024 | Kolkata, India

- Designed and developed responsive websites with focus on UI/UX and performance optimization.
- Implemented front-end features using HTML, CSS, and JavaScript for business clients.

IT Services Head, Script Productions - Jun 2023 - Jul 2024 | Kolkata, India

- Managed IT infrastructure, website systems, and digital platforms for the organization.
- Led technical support, system maintenance, and implementation of technology solutions.

Projects

Informer Tool - Investigation OSINT Tool (informertool.in)

- Developed a web-based investigation support tool to assist law enforcement agencies in collecting and analyzing digital intelligence from multiple online sources.

- Integrated OSINT capabilities to extract and organize information related to social media profiles, digital footprints, and cybercrime investigations in a structured format.

Telegram OSINT Toolkit ([GitHub](#))

- Engineered a high-end local CLI intelligence gathering tool tailored for law enforcement and OSINT investigations.
- Implemented features including keyword search, bulk monitoring, chat export, and member enumeration using Python and SQL.

snip.in ([snipink.anuragroy.tech](#))

- Built an encrypted edge pastebin allowing users to share code securely and instantly with custom expirations or passwords.
- Developed a serverless, fast-performing architecture utilizing Next.JS, TypeScript, and React.

Hostiqo ([hostiqo.xyz](#))

- Created a seamless static hosting platform enabling users to deploy projects instantly via zip uploads or standalone HTML files.
- Built with Next.JS, TypeScript, and React for a robust backend-free experience.

Synqube ([synqube.xyz](#))

- Developed a real-time peer-to-peer communication application supporting live screen sharing and low-latency chat.
- Utilized WebRTC protocols alongside Next.JS and TypeScript to establish stable, direct connections.

Certifications

- SysTools Email Forensics Essentials (SEFE) | Certified Ransomware Protection Officer (CRPO)
- Digital Personal Data Protection Act Certification | OSForensics Triage Certification
- Certified Network Security Practitioner (CNSP) | Digital Forensics and Incident Response Internship FCRF
- ISAC Certified Cyber Crime Intervention Officer (CCIO) | 10-day training on 'Cybercrime, Cyber Laws' by RRU
- C-CAP-Techno Billion AI x CoRover Certified AI Pro | Blue Teaming Fundamentals
- ISO/IEC 27001 Information Security Associate | EC Council Ethical Hacking Essentials
- MeitY Cybersecurity Training for Govt. Departments | Certified Purple Teaming Fundamentals (CPTA V2)

Honors & Awards

- Winner, Kolkata Police Hackathon 2022 (Top 20) | Recognition at ISOEH Ground Zero Hackathon
- Letters of Recommendation: Script Productions CEO | Security Bug Reporting on School Portal
- Letters of Appreciation: Shri Kishore Kommi, IPS (Andhra Pradesh Police) | Bhubaneswar-Cuttack Police Commissionerate | ISKCON Panihati | Kolkata Police Special Task Force

Languages

Bengali (Native or bilingual proficiency) | English (Full Professional Proficiency) | Hindi (Full Professional Proficiency)

Publications

- [The Evolution and Architecture of Agentic Open-Source Intelligence \(2026\) - IJHEC Journal](#)
- Multimedia-Based Cyber Threat Vectors (2025) - Research Report
- Technical Report: iPhone Zero-Click Exploits & Spyware (2019-2025) - Research Report