N S MANISH BHALAJY

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Education

Chennai Institute of Technology, Tamil Nadu Sep 2024 - May 2028

B.Tech Information Technology CGPA : 8.15 / 10

Experience

Security Operations Center Intern -CyArt Tech May 2026 - Aug 2026

- Contributed to the development of CyBreach, a cybersecurity platform focused on enterprise security operations.
- Analyzed application workflows and participated in improving security controls and backend functionality.

Open Source Contributor - Elite Coders Jan 2026 - Present

- Enhanced the security of an open-source document management platform by implementing JWT-based authentication and secure password storage using bcrypt.
- Designed and integrated authentication and authorization mechanisms to protect REST APIs against unauthorized access.

Projects

- **ACPIA — AI-Powered Legal Research & Evidence Retrieval System | Kerala Police CyberDome Project ($10K)**
  Python • LangChain • LLMs • Vector DB • Neo4j • FastAPI
  Building an end-to-end Legal RAG and investigation support platform to enable evidence-grounded legal research, semantic retrieval, and relationship discovery across complex case data.
- **KernelOps – Linux Runtime Detection & Response Platform using eBPF**
  eBPF • C • libbpf • Rust • SQLite • Docker • Linux
  Developing a Linux runtime security platform that leverages eBPF for kernel-level telemetry collection to monitor process execution, file operations, and network activity. Implements MITRE ATT&CK-aligned threat detection and policy-based response with minimal system overhead.

Achievements

- **Hac KP 2026 — Kerala Police CyberDome: Finalist** — ₹10L Prize Pool
- **Hi-Tech Bricks — India Chapter: Finalist (Russia)** — Industrial AI Solutions Track
- **CyberHack V4** — **Tamil Nadu Police: Finalist** — Top 0.04% Regional Selection
- **The Hive** — **Startup Park × iQue × Emergent.sh :** Top 10 / 300+ Builders
- **Recursion** — VIT Chennai: Finalist among 700+ Participants

Skills

- **Security**: Web Application Security | Network Security | Active Directory | Linux Security
- **Security Tools**: Burp Suite | Nmap | Wireshark | Metasploit | Gobuster
- **Programming:** Python | Java | SQL | JavaScript
- **Technologies**: FastAPI | Docker | PostgreSQL | Git

Volunteering

- **Founding Builder - Oxcode**
  Selected as one of 100 Founding Builders for Ox Code through a competitive application process, recognizing contributions through bug reporting and product feedback.
- **Organizer— Takshashila 2026 Symposium**
  Conducted a hands-on Blockchain Technology workshop, introducing participants to core blockchain concepts, architecture, and practical applications.