

Sreenith Rangaswamy

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🌐 LinkedIn: <https://www.linkedin.com/in/sreenith-cyber/> | GitHub: <https://github.com/sreenith70>

Availability: Immediate | Location Preference: Bangalore / India (Remote / On-site)

PROFILE SUMMARY

Cybersecurity postgraduate with hands-on experience in compliance audits, risk assessments, vendor security assessments, and policy implementation aligned with NIST 800-171, CMMC, and ISO 27001. Exploring the use of generative AI for policy gap analysis and automated audit documentation to streamline and enhance GRC processes.

TECHNICAL SKILLS

- **Security Tools & Platforms:** Splunk, IBM QRadar, OWASP ZAP, ServiceNow GRC, Eramba
- **Threat Detection & Response:** MITRE ATT&CK, IDS/IPS, Phishing Analysis, YARA Rules
- **Operating Systems:** Windows 10/11, Kali Linux, Ubuntu
- **Network Protocols & Services:** TCP/IP, DNS, DHCP, FTP, HTTP/S, SSH, SMTP
- **Frameworks & Standards:** CMMC, NIST 800-171, NIST CSF, ISO 27001, GDPR, PCI DSS
- **Languages & Scripting:** Python, Java, HTML, Bash, Git
- **AI & Automation Exposure:** RAG, LLMs, Prompt Engineering, Local Embedding Models, Semantic Search / Vector Retrieval

EDUCATION

New York Institute of Technology(NYIT), Vancouver

Masters in Cybersecurity (with Distinction), CGPA: 3.64/4.00

(May 2023 – Jan 2025)

Vancouver, Canada

Srinivasa Ramanujan Institute of Technology(SRIT), India

Bachelor of Technology in Computer Science, CGPA: 7.59/10.00

(June 2017 – Aug 2021)

Andhra Pradesh, India

CERTIFICATIONS

- CompTIA Security+ (SY0-701)
 - ISC2 Certified in Cybersecurity (CC)
 - Google Cybersecurity Professional Certificate
 - ISACA CISA – In Progress
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WORK EXPERIENCE

Cybersecurity Apprentice – API Security & Risk Research

(Jan 2025 – May 2025)

TeejLab Inc, Burnaby, Canada (Academic Collaboration – Remote)

- Automated API security assessments by analyzing API metadata for sensitive data exposure and compliance gaps (GDPR, NIST 800-53).
- Mapped vulnerabilities to regulatory controls and contributed to internal risk scoring models.
- Built Proof of Concepts (PoCs) using API discovery tools for compliance reporting and audit readiness.
- Received a **Cybersecurity Scholarship** through TeejLab's academic collaboration with NYIT.

Cybersecurity Risk and Compliance Analyst Intern

(July 2024 – Dec 2024)

AR Cortex, Los Angeles, United States

- Supported CMMC Level 1 and 2 assessments, with successful readiness achieved for Level 1 certification.
- Contributed to control mapping, evidence collection, and documentation aligned with NIST SP 800-171.
- Helped address 45+ compliance gaps across key control domains during Level 2 evaluation.
- Assisted in preparing the POA&M and drafting final reports on compliance status and control maturity.

Graduate Teaching Assistant

(Jan 2024 – Dec 2024)

New York Institute of Technology (NYIT) – Vancouver

- Mentored graduate students across three courses: Operating Systems Security (40), Risk Management & Legal Issues (45), and Cloud Security (52).
- Conducted lab sessions on IAM, cloud architecture, risk assessment techniques and compliance control mapping.
- Assisted faculty in refining course content and evaluating assignments.
- Held office hours to support students with labs and technical queries.

Graduate Research Assistant

(Dec 2023 – June 2024)

New York Institute of Technology (NYIT) – Vancouver

- Researched Ethereum phishing detection using on-chain data from Etherscan.
- Analyzed transaction graphs, clustered wallet behavior, and flagged scam patterns.
- Supported data labeling and risk scoring with Python, Web3.py, and NetworkX.
- Contributed to heuristic development and research documentation.

Research Intern

(Feb 2022 – May 2022)

NIT Warangal, India

- Designed and deployed a private blockchain network using Hyperledger Fabric to ensure vaccine traceability, focusing on anti-trafficking scenarios.
- Built smart contracts in Go and developed the network infrastructure using Docker, Node.js, and CouchDB.

PROJECTS

Gap Analysis Agent – Built with RAG, LLMs & Real-World Compliance Controls

Industry-Aligned Project | 2025

GitHub: <https://github.com/sreenith70/Gap-Analysis-Agent-CMMC>

- Orchestrated a fully offline gap analysis pipeline using Retrieval-Augmented Generation (RAG) to evaluate cybersecurity policies against CMMC Level 1 & 2 controls. adaptable to ISO 27001, DPDP Act
- Integrated Gemma 2B (via Ollama), MiniLM-L12-v2, and ChromaDB for deterministic reasoning, local embeddings, and semantic retrieval in air-gapped setups.
- Developed a Streamlit UI to visualize gaps, filter controls, and export compliance-ready CSV reports.

Designing AI-Powered Security Bots using Prompt Engineering

Independent Research + Technical Blog | 2024

Blog Links: [Chain of Thought & Prompt Methodology](#) | [Inside Prompt Engineering](#)

- Proposed a GPT-Auto-based security workflow for threat triage, compliance gap analysis, and reporting.
- Authored technical blogs covering context windows, instruction chaining, and LLM reasoning in security workflows; received faculty recognition within the NYIT cybersecurity program.

LEADERSHIP & COMMUNITY ENGAGEMENT

President (Cybersecurity Club)

(Jan 2024 – Dec 2024)

NYIT – Vancouver

- Organized cybersecurity events and workshops in collaboration with **ISACA** (4) and **OWASP** (2) local chapters, each drawing over 100+ Participants.
- Led CTFs, technical workshops, and expert sessions to promote hands-on skills and peer-driven growth.

IEEE Student Branch Graduate Representative

(Sept 2023 – Dec 2023)

NYIT – Vancouver

- Represented graduate students and supported planning of technical and networking events.
- Contributed to member outreach and cross-department coordination (notably with MBA, EM cohorts) for IEEE activities.

INTERESTS: GenAI Security, OSINT Trails, Public Speaking, Technical Blogging, Geopolitics.
