

Himaja Nagula

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PROFESSIONAL SUMMARY

Detail-oriented Security Analyst with hands-on experience in TPRM, threat intelligence, vulnerability management, and incident response across cloud and on-premises environments. Adept at leveraging NIST frameworks, automating security workflows, and collaborating cross-functionally to strengthen organizational security posture.

EDUCATION

MS in Cybersecurity, Georgia Institute of Technology, Atlanta, GA *August 2023 – May 2025*

- **GPA: 3.27 | Coursework:** Malware Reverse Engineering, Network Security, Applied Cryptography

BS in Computer Science, University of South Florida, Tampa, FL *August 2019 – May 2023*

- **GPA: 3.71 | Coursework:** Capture the Flag, Secure Coding, Operating Systems, Object-Oriented Programming

CERTIFICATIONS

- **CompTIA Security+ CE Certification, CompTIA** *June 2023*

PROFESSIONAL EXPERIENCE

Technical Solutions Consultant, Airia LLC, Atlanta, GA *July 2025 - Present*

- Designed and deployed agentic workflows, **improving automation efficiency by ~30%** and scalability
- **Developed and integrated 150+ MCP server configs** with QA testing, enhancing system reliability
- Authored **15+ comprehensive technical briefs** on MCP deployment frameworks and AI security best practices
- Contributed to **MCP security specs** on platform aligning with **NIST AI RMF** for compliance & trust

Cyber Risk Analyst Intern, Schneider Electric, Atlanta, GA *August 2024 – May 2025*

- Composed and **automated** a Third-Party Supplier Risk Assessment process, **reducing manual effort by 50%**.
- **Built Power BI dashboards** for real-time risk visibility, **boosting reporting efficiency by 30%**
- Drafted and delivered training materials for a **7-step supplier assessment process**, standardizing evaluation

Product Security Intern, Alcon, Lake Forest, CA *May 2024 – August 2024*

- **Executed 50+ security tests (SBOM, SAST/DAST)**, meeting FDA, HIPAA, and NIST compliance
- **Automated SBOM generation** via Veracode and Blackduck, integrating into Jenkins, **reducing effort by 70%**
- **Increased SDLC efficiency by 40%** through vulnerability assessments and reverse engineering

Cybersecurity Intern, Schneider Electric, Foxboro, MA *January 2023 – May 2023*

- **Enhanced vulnerability management by 35%** via dashboard creation and risk assessments for 100+ products
- **Advanced system resilience** by researching 4+ zero-trust architecture methodologies for the OT industry.
- **Strengthened product security** by analyzing data from tools like Blackduck, Klockwork, and Nessus.

Cybersecurity Analyst Intern, Schneider Electric, Foxboro, MA *June 2022 – October 2022*

- Optimized security for Windows environments by investigating **600+ group policies in Active Directory**
- **Improved high availability by 50%** by deploying the Distributed Process Automation Controller (DCS) in K8S
- Integrated **OWASP Top 10 security checks** into assessment workflows, improving proactive detection

SOC Analyst Trainee, Relia Quest, Tampa, FL *March 2022 - April 2022*

- Conducted **threat hunting & attack surface analysis** via MITRE ATT&CK and **Diamond Intrusion Analysis**
- Mapped and documented 10+ attack vectors and assets in GreyMatter and QRadar, improving detection training

PROJECTS AND RESEARCH

Symbolic Execution For Malware Analysis *January 2025 – April 2025*

- Reverse-engineered Zeus & Gorynych malware using Ghidra and IDA Pro, to expose 5+ evasion techniques
- Extended the S2E framework to trace 10+ hidden malware execution paths

Phishing Risk Assessment Platform

January 2025 – May 2025

- Built a **phishing risk assessment platform** using **Gophish** to launch custom campaigns
- Integrated **department-level heat maps** and **adaptive training recommendations** based on user performance

SKILLS

Programming: C/C++, Python, MySQL, Object Oriented Programming, bash scripting, python scripting

Technologies/Operating systems: Blackduck, Veracode, K8S, Active Directory, Microsoft Azure, SonarQube, Linux