

SAI VARSHITH

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PROFESSIONAL SUMMARY

Cybersecurity Analyst with hands-on experience in **security operations, cloud platforms (AWS, Azure), and risk mitigation**. Skilled in **threat detection, IAM (Identity and Access Management), and Vulnerability Assessment**. **Security+** certified, demonstrating validated knowledge of cybersecurity principles and **Incident Response**. Experienced in analyzing security threats and utilizing **Splunk (SIEM)** fundamentals, leveraging foundational **Java and Python development skills** to strengthen security controls and ensure continuous **compliance** and system resilience.

EDUCATION

University of Illinois At Chicago
Chicago, IL • 05/2023

Bachelor of Science: Computer Science with Math minor

CERTIFICATIONS

- CompTIA Security+
- AWS Cloud Practitioner Essentials
- McAfee - ePO, ENS
- Splunk 7.x Fundamentals

TECHNICAL SKILLS

Cybersecurity & Monitoring:

Security Information and Event Management (SIEM), Intrusion Detection & Prevention (IDS/IPS), Vulnerability Assessment, Risk Mitigation, Endpoint Security, Firewall Management, Policy Development, Incident Response Fundamentals, Threat Detection Techniques.

Programming & Scripting:

Java, Python, C/C++, JavaScript, Dart.

Frameworks & Tools:

Spring Boot, React, Django, Flutter, Prometheus, Grafana, Splunk (user-level), McAfee ePO/ENS.

Cloud Platforms:

AWS, Azure (IAM, VPC, EC2, S3, Lambda, security configurations).

Databases:

MongoDB, MySQL, PostgreSQL.

WORK EXPERIENCE

SmartPhoneTrucking LLC - Information Security Analyst
Suwanee, GA • 05/2023 - Current

- Conducted **Vulnerability Analysis** against **OWASP Top 10** standards, prioritizing remediation that reduced critical risks and improved system resilience by **30%**.
- Managed **IAM** and **RBAC** policies across **AWS/Azure VPC** to enforce **Least Privilege** and maintain secure access controls.
- Assisted **Security Operations** using **Splunk (SIEM)** for continuous monitoring and dispositioning alerts related to cloud and application activity.
- Ensured **Data Security Compliance** by implementing and monitoring data encryption and access policies; **Analyzed security threats** and developed response strategies to mitigate risks effectively.
- Automated security and compliance checks using **Python** to streamline repetitive compliance/vulnerability checks and increase operational efficiency.
- Provided **first-line security consultation** and support to cross-functional teams, translating technical policy requirements into actionable operational procedures.

UIC - Research Assistant

Chicago, IL • 08/2022 - 05/2023

- Conducted detailed **risk mitigation** and **data protection analysis**, implementing secure API integrations that measurably **reduced data exposure risks by 35%**.
- Performed comprehensive **threat modeling** and **risk assessment**, ensuring application design supported **GDPR and CCPA** data security compliance and governance.
- Successfully leveraged **Scrum Agile** practices and cross-functional team collaboration, skills that were validated when our final product pitch **won \$5,000 in seed funding**.

Livepin - Cybersecurity Analyst Intern

Atlanta, GA • 06/2021 - 05/2022

- Applied **data security and compliance controls** by implementing **encryption** and strong **device authentication** within **Azure IoT pipelines**, ensuring secure transmission of sensitive GPS data.
- Conducted **vulnerability reviews and testing** on firmware, identifying critical flaws and prioritizing remediation efforts that **reduced potential attack vectors by 40%**.
- Developed and utilized **Python and C++ scripts** to **automate** repetitive **logging analysis** and security validation tasks, demonstrating foundational **DevSecOps skills**.
- Assisted in early-stage **threat modeling reviews** on new application features, proactively identifying **security control requirements** and improving resilience in the design phase.

TECHNICAL PROJECTS

- **IoT Vehicle Tracking** - Encrypted IoT data transmission & anomaly detection
- **Casino Web App** - RBAC, secure sessions, password hashing
- **Movie Assistant** - Firebase authentication & data privacy enforcement
- **OpenStreets Maps** - Secure handling of geospatial routing data