

Sai Varma Dantuluri

saivarmadpr@gmail.com | (551)358-0726 | Jersey City, NJ 07306 | [LinkedIn](#) | [GitHub](#)

EDUCATION

Yeshiva University, Katz School of Science and Health, New York, NY

Dec 2025

Master of Science in Cybersecurity

Relevant Courses: Architecture of Secure Operating Systems, Network, Data and Communication Security, Risk Management and Governance, Cybersecurity Audit, Assessment and Cybercrime, Cyberwar & Threat Actors.

Jawaharlal Nehru Technological University, JBIET, Hyderabad, India

Sep 2020

Electronics and Communications Engineering

CERTIFICATIONS

Advanced Certificate Program in Cybersecurity - IIITB • CompTIA Security+ • ISC2 Certified in CyberSecurity (CC) • AWS CCP • Azure AZ-900 • IBM cloud V1 advocate • Google Cybersecurity Professional Certificate - Coursera

SKILLS

Cybersecurity Tools: SIEM (Splunk, ELK Stack), Penetration Testing (Metasploit, Burp Suite, Nmap), Wireshark, Kali Linux

Programming Languages: Python, Java, ESQL, shell scripting

Tools: Linux, IBM ACE, GitHub, Postman, Elastic Stack (ELK), Oracle SQL Developer, Ubuntu

Security Practices: Incident Response, Risk Assessment, Secure Network Architecture, Penetration Testing, Cryptography, Access Control Models, Vulnerability Management, Security Policy Development

Other Skills: Network Security (TCP/IP, VPNs, IDS/IPS), Cryptography (SSL/TLS, AES, RSA), Compliance (NIST, GDPR)

PROFESSIONAL EXPERIENCE

Secure Application Developer – National Bank of Greece

May 2021 - Aug 2024

IBM - Hyderabad, India

- Built secure integrations for over 30 APIs, implementing robust authentication and data protection
- Performed testing, debugging, and secure code reviews to deliver high-quality, compliant code on time
- Documented security protocols and guidelines for cross-functional teams, improving collaboration and ensuring consistent security practices
- Implemented API security best practices, including token-based authentication, input validation, data encryption

PROJECTS

Advanced Certificate Program in Cyber Security from IIIT Bangalore

Oct 2023 - Jun 2024

Zero Trust Electronic Voting System (ZTEV)

- Implemented a Zero Trust framework to enhance the security of an electronic voting system, ensuring secure employee participation in decision-making
- Addressed post-COVID-19 remote work challenges by mitigating BYOD risks through device verification and continuous monitoring in the ZTEV system

Capstone Project- Team Lead

May 2024 - Jun 2024

Network Security and Incident Analysis

- Directed the Red Team in a Capture the Flag event, identifying vulnerabilities, capturing multiple flags
- Conducted ICMP and SYN flood attack analysis using Wireshark, identified malicious IPs, and collaborated with the firewall team to mitigate server overload

ACTIVITIES

Tata Cybersecurity Security Analyst Job Simulation on Forage

Feb 2025

- Completed a job simulation involving identity and access management (IAM) for Tata Consultancy Services, collaborating with a Cybersecurity Consulting team.
- Acquired expertise in IAM principles, cybersecurity best practices, and strategic alignment with business objectives.
- Delivered comprehensive documentation and presentations, showcasing the ability to communicate complex technical concepts effectively.

ISACA

Phishing Email Contest - First Place Winner

Nov 2024

- Crafted a highly convincing phishing email leveraging human psychology and social engineering techniques

Yeshiva University

CTF – Second Place Winner

Dec 2024

- Achieved second place in a Capture the Flag (CTF) competition, showcasing expertise in penetration testing, vulnerability exploitation, and problem-solving under time constraints