

Kurudunje Deekshith Shetty

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Cyber Security Specialist

SUMMARY

Cybersecurity Specialist with 4 years in cloud security, incident response, and secure code development. Expert in AWS security architecture, ISO 27001/HITRUST compliance, SAST/DAST integration in CI/CD pipelines, and threat detection automation. Skilled in IAM least privilege models, encryption, and rapid incident remediation. M.Sc. candidate in Cybersecurity and Privacy at NJIT.

EDUCATION

M.Sc. in Cyber Security and Privacy, CGPA : 3.944/4.00

Jan 2024 - Dec 2025

NJIT - Ying Wu College of Computing

Newark, NJ

- *Relevant Coursework:* Network Security, Cryptography, Cloud Security, Security Auditing

TECHNICAL SKILLSET

Security Frameworks & Tools: ISO 27001, HITRUST, MITRE ATT&CK, NIST SP 800-61, OWASP, SAST/DAST, VAPT, SIEM (LogRhythm), XDR (Stellar Cyber)

Cloud & DevSecOps: AWS IAM, CloudTrail, GuardDuty, CloudWatch, Shield, VPC, WAF, KMS, GitHub Actions, Semgrep, Docker

Languages & Scripting: Python, Bash, Java, JavaScript, Perl, x86 Assembly

Network & Monitoring: Palo Alto, Radware WAF, Cisco IOS, Wireshark, Nessus, Snort

PROFESSIONAL EXPERIENCE

AWS Cyber Security Specialist

Sep 2025 - Present

Medlaunch Concepts

Clearwater, FL

- **AWS IAM Implementations:** Led ABAC implementation and least privilege policies for compliance and attack surface reduction.
- **Code Security & Version Control:** Integrated SAST/DAST (Semgrep, others) using GitHub workflows to enforce secure coding in CI/CD pipelines.
- **Vulnerability Management:** Conducted ISO 27001 & HITRUST assessments; prioritized risk remediation.
- **Cloud Security Monitoring:** Configured CloudTrail, created CloudWatch dashboards and automated alerts; improved threat detection and halved response times.
- **Encryption & Incident Response:** Enforced data encryption standards with AWS KMS; improved forensic and incident logging via AWS Security Hub and GuardDuty.

Cryptography and Security - TA

Jun 2024 - Jul 2025

New Jersey Institute of Technology

Newark, NJ

- **Academic Leadership:** Mentored 200+ students in cryptography labs; graded assignments and explained complex security concepts.

Cyber Security Analyst

Sep 2021 - Dec 2023

Terralogic Software Solutions Pvt Ltd

Bengaluru, IN

- **Security Monitoring:** Handled 500+ alerts/month using SIEM/XDR tools; reduced false positives by ~ 50%.
- **Threat Response:** Led ransomware and DDoS investigations, maintaining 100% SLA.
- **SOP & Playbook Development:** Created 30+ security playbooks, optimized alerts with MITRE ATT&CK mappings.
- **Network Security:** Managed firewall rules and threat defense with Palo Alto and Radware WAF.

Cyber Security Intern

Jun 2021 - Sep 2021

Terralogic Software Solutions Pvt Ltd

Bengaluru, IN

- **Threat Intelligence:** Integrated open-source intel (Shodan, VirusTotal) into SOC workflows to expand visibility.
- **Dashboard Creation:** Developed monitoring dashboards to enhance phishing simulations and threat hunting effectiveness.

RELEVANT CERTIFICATIONS

- *CompTIA Security+, Fortinet Certified NSE 5(FortiSIEM), Beyond Trust Certified PAM Pre-Sales Engineer, Stellar Cyber XDR Certified Associate*

PROJECTS AND LEADERSHIP

- **STEMX Cybersecurity Bootcamp Instructor (NJIT):** Delivered hands-on training for high school students (2024 & 2025).
- **JerseyCTF 2025 Volunteer:** Designed cryptography challenges for NJIT capture-the-flag competition.
- **Key Projects:** Salesforce app audit (OWASP, Checkmarx), AWS Image Recognition with Rekognition/Textract, Network Defense Simulation with Security Onion, Buffer Overflow Analysis.