

VIDYA IGOOR KARIBASAPPA

Master's in information technology (System Security-System Engineer)

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Results-driven System and Security Engineer with 3+ years of experience in cyber security, system engineering, and network management. Proven expertise in threat analysis, system hardening, and delivering robust security solutions. Adept at collaborating with cross-functional teams to ensure secure, scalable, and efficient infrastructure. Passionate about safeguarding digital assets and reducing risk.

NOTABLE ACCOUNTABILITIES

- Experienced as a System Engineer, preferably in a cyber security-focused role.
- Proficiency in Linux system administration, including security protocols and software package management.
- Experience with Oracle and Red Hat Linux kernel upgrades, SAMBA configuration, and IBM Web Sphere server management.
- Strong understanding of cyber security best practices, threat evaluations, and vulnerability assessments.
- Proficiency in designing and implementing wired and wireless network solutions.
- Experience in assessing network requirements and devising secure network architectures.
- Familiarity with WAN/LAN network management and optimization techniques.
- Solid team-working skills with the ability to produce effective results under minimal supervision.
- Time-management skills and capable to complete projects within specified deadlines.
- Good researching, analytical, project management, reporting and presentation skills.
- An exemplary communicator with excellent interpersonal and problem-solving skills and ability to interact effectively with people at all levels.

Professional Skills: Cyber Security | Network Management | System Engineering | Client Relationship Management | Project Management | Cloud Design & Formation | Automation Skills | DevOps Key Concepts | Threat Investigation | Data Integration | Service Delivery | Data Warehouse | Defect Management | Programming, Debugging, Logging | SDLC | Process Definition Document | Code Management | Statistical Analysis

Technical Skills: Data Mining | Network Penetration Testing | Programming: Java, C, C++, Python, JavaScript | Web Technologies: XML | Application Servers: IBM WebSphere | Operating Systems: Windows, Linux (Oracle, Red Hat) | Tools: Wireshark, Kali Linux, Nessus, Splunk, AWS Security Tools

ACADEMIC CREDENTIALS

- **M.S. in Information Technology (Cyber Security)** – California Lutheran University (*Expected Aug 2025*)
- **B.S. in Electrical and Electronics Engineering** – Sri Siddhartha Institute of Technology (*Jun 2020*)

PROFESSIONAL EXPERIENCE

May 2021 – Jul 2023 | Bangalore, India.

Systems Engineer – Cerner Health Care, Bangalore, India (*May 2021 – Jul 2023*)

- Managed system operations across various layers: Frontend (Citrix), Middleware (MQ), Backend (Linux), and Database (Oracle).
- Performed daily operations to ensure system integrity and availability.
- Conducted Linux filesystem management, reboots, patching, and MQ upgrades.
- Automated bulk user creation through scripting.
- Executed kernel upgrades and managed AWS EC2 instances.
- Created IAM users, roles, and groups in AWS.
- Collaborated in cloud infrastructure management using Docker, Jenkins, and Ansible.

Oct 2020 – Mar 2021 | Bangalore, India.

Network Security Associate - Accenture

- Designed and deployed secure network solutions for enterprise clients.
- Conducted penetration testing and vulnerability assessments.
- Managed WAN/LAN network optimization and maintained compliance with security standards.
- Provided technical support for incident management and documented security policies.

PROJECT

- **Solar Powered Smart Stick for Blind** Developed a solar-powered assistive device with advanced sensors to enhance mobility for visually impaired individuals. Integrated obstacle detection and navigation capabilities for improved independence.
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LANGUAGES: English, Hindi, Kannada