Jose Rohit M

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Summary

Cyber Security engineering student with a strong foundation in **GRC**, **IAM**, **networks** and **network security**. Hands-on experience with **Wazuh SIEM** for security monitoring and alert analysis, and currently learning advanced features such as rule tuning and endpoint monitoring. Familiar with **ISO 27001** and **SOC 2** compliance standards. Experience using **osTicket** for IT service management and SLA-based ticket handling. Currently pursuing **CompTIA Security+**.

Education

Amrita School of Engineering — Coimbatore, India
B.Tech in Computer Science and Engineering – Cyber Security — *2022 – 2026*
- CGPA: 8.19 / 10

Nalanda International Public School — CBSE
Class XII – MPC — *2022*
- Percentage: 84%

Sri Vijay Vidyalaya — State Board
Class X — *2020*
- Percentage: 98%

Skills

IAM: Identity lifecycle, Access provisioning & de-provisioning, RBAC/ABAC, SAML, OIDC, FIDO2

Technical Support: osTicket, SLA Management, Ticketing Systems

GRC: Risk assessment fundamentals, security controls, ISO 27001, NIST CSF, SOC2, GDPR, audit readiness, compliance tracking, gap analysis, evidence collection

Tools & Technologies: Wireshark, Nmap, Linux, Docker, Wazuh SIEM, AWS (Basic)

Domain Knowledge: Network Protocols, Threat Modelling, Cryptography, Encryption Techniques, Linux System Hardening

Database: SQL (Basic Queries, Data Retrieval)

Programming Languages: Python, C++, Java, Solidity

Certifications

CISCO – Introduction to Networking

Palo Alto Networks – Network Security

ISAC – Cyber Crime Intervention Officer

Okta – Explore Identity Foundations (2025)

Forage – Cybersecurity Analyst IAM Job Simulation (2025)

Currently Learning

CompTIA Security+ (SY0-701) - In Progress

Wazuh SIEM & Endpoint Security

Projects

Q-SFTP – Quantum Secure File Transfer Protocol | GitHub

- **Designed and implemented** a quantum-safe secure file transfer protocol using **Kyber512** (Post-Quantum KEM) and **Dilithium2** (Post-Quantum Digital Signatures) to protect against future quantum attacks
- Built an end-to-end encrypted file transfer pipeline using **AES-256-GCM** with **SHA-256** integrity verification, ensuring confidentiality, authenticity, and tamper detection during uploads and downloads.
- Implemented a secure, multi-user client-server system with **role-based access control (RBAC)**, metadata stripping for privacy, and cross-platform support (**Windows/Linux**) via a **Flask**-based web interface.

VendorGuard – Automated Governance Risk & Compliance (GRC) Platform | GitHub

- Developed an automated GRC platform to streamline Vendor Risk Management (VRM).
- Built a **Risk Engine** that maps identified risks to relevant **ISO 27001** and **SOC 2** security controls.
- Implemented a "Compliance as Code" dashboard to visualize risk heatmaps, reducing manual audit steps.
- Aligned system logic with process automation goals to optimize remediation workflows.

Zero-Trust IAM System | GitHub

- Developed a secure **Identity and Access Management (IAM)** system with **RBAC**, **MFA (TOTP)**, and **JWT**-based authentication.
- Implemented **Zero Trust principles** including strict identity verification, rate limiting, and secure session handling.
- Built **tamper-evident audit logs** using cryptographic hash chaining to support security monitoring and compliance.

Soft Skills

Collaboration, Problem Solving, Time Management

Languages

English — Professional Working Proficiency

Tamil — Fundamental Proficiency