

MOHAMMED ANEEZ R

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EDUCATION

B.Tech Computer Science with specialization in Information Security, VIT University Expected 2026
Relevant Coursework: AWS Solutions Architect, Computer Networks, Malware Analysis.

Intermediate Education, Sri Chaintanya Educational Institutions 2020 - 2022

EXPERIENCE

Cloud Security Intern Jun 2024 - Jul 2024
DigitalTrack Solutions Pvt Ltd *On-Site, Chennai, TN*

- Hands-on experience with AWS and GCP cloud platforms.
- Gained insights into Microsoft licensing and M365.

PROJECTS

MDAN BLOG. Author of a tech and security-focused blog covering topics such as malware analysis, machine learning, and emerging technologies. Publishing in-depth articles and tutorials that foster knowledge sharing and continuous learning. [Blog](#)

HOME LAB. Managing a home lab for 6+ months with three virtual machines running on Proxmox VE:

- **BOSS-PROD1:** Runs Docker containers, including Cloudflared, Nginx Proxy Manager (Reverse Proxy), Portainer, Authentik IAM (SSO), Duplicati (Cloud Backups), Immich, Twingate, Monitoring stack(Grafana, Prometheus, cAdvisor, InfluxDB), Watchtower, Uptime Kuma.
- **BOSS-PROD2 & BOSS-PBS:** Hosts WAZUH SIEM for advanced security analytics and Hoarder, while BOSS-PBS handles automated backups using Proxmox Backup Server (PBS), retaining the last seven images for data redundancy and disaster recovery.

ESP32 Marauder. Built a portable penetration testing device using the ESP32-WROOM-32U chip and ESP32 Marauder firmware. It spawns an access point, hosts a web server for phishing attacks, and supports deauthentication attacks, packet sniffing, probe request flooding, and beacon spam. Features a 3.5-inch touchscreen display.

Research Paper: *Security-Centric Load Balancing in SD-IoT Networks* – Under review for Q2 journal publication

CERTIFICATIONS AND TRAINING

- **OSINT Fundamentals** – TCM Security [Cert.](#)
- **Fortinet Network Security Expert (NSE) 1, 2, 3** – Fortinet [Cert.](#)
- **Certified Ethical Hacker (CEH) Training** – ZSecurity
- **Google Cloud Professional Cloud Security Training** – Google Cloud (3 months)
- **AWS Solutions Architect Course** – VIT (Scored 92%)

HONOURS AND AWARDS

- **Winner – AI for Resilient Cities, Yantra'25.** Secured 1st place in Yantra'25, a week-long tech fest with 10K+ participants. Proposed an AI platform enabling farmers to trade carbon credits via a cap-and-trade system, offering tailored agricultural practices and financial resilience through a disaster credit pool [Result.](#)
- **Runner-Up – Eco Quest, Yantra'24.** Achieved 2nd place in Yantra'24, a Shark Tank-style ideathon on SDGs. Leveraged cashew-based agricultural practices to cut carbon emissions, using blockchain for transparent carbon credit tracking, earning a 40,000 scholarship [Cert.](#)