

MOHAMED FAZIL RAHMAN Z

Cybersecurity Engineer

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PROFESSIONAL SUMMARY

Cybersecurity and Software Engineer with hands-on experience in Application Security, VAPT, Secure SDLC, Full-Stack Development, DevOps, Cloud Technologies, and Enterprise Infrastructure. Skilled in securing web applications and deploying scalable solutions using React.js, ASP.NET, Node.js, Microsoft Azure, IIS, and CI/CD. Passionate about building secure, reliable, and high-performance systems.

TECHNICAL SKILLS

Application Security: VAPT, Web Application Security, OWASP Top 10, API Security, Secure SDLC, Threat Modeling, CVSS
Security Tools: Burp Suite, OWASP ZAP, Nmap, Nessus, Metasploit, SQLMap, Gobuster, FFUF, Wireshark, Wazuh, Kali Linux
Networking: TCP/IP, DNS, DHCP, Routing & Switching, Firewall Configuration, Active Directory, Microsoft Entra ID (Azure AD), IAM
Programming: Python, JavaScript, C#, SQL, PowerShell
DevOps & Cloud: Microsoft Azure, IIS, Docker, Jenkins, Git, SVN, CI/CD
Software Development: React.js, ASP.NET Core, Node.js, REST APIs, MySQL, PostgreSQL, SQL Server

EXPERIENCE

- Cybersecurity Intern | Logic Apps (On-site)** Jun 2025 – Jul 2025 & Sep 2025 – Nov 2025 | 5 Months
- Performed VAPT on 3+ production web applications using black-box and grey-box testing methodologies.
 - Conducted reconnaissance, enumeration, and exploitation using Burp Suite, OWASP ZAP, Nmap, Gobuster, FFUF, SQLMap, Metasploit, Nessus, Wireshark, and Postman.
 - Identified vulnerabilities aligned with OWASP Top 10: authentication, authorization, session management, API security, and access control.
 - Delivered VAPT reports with PoC evidence, CVSS-based risk ratings, and remediation recommendations.
- Software Development & Infrastructure Intern | C2C Advanced Systems (On-site)** Dec 2025 – Jun 2026 | 7 Months
- PAID)
- Developed and maintained enterprise ERP applications using React.js, ASP.NET, Node.js, and MySQL.
 - Deployed and maintained applications on Microsoft Azure and IIS, including DNS, SSL/TLS, and application configuration.
 - Supported Windows Server, Active Directory, Microsoft Entra ID, IAM, firewall configuration, and L1 network operations.
 - Assisted with CI/CD implementation using Jenkins, Git, and SVN; supported cloud and on-premises database administration.
- AI/ML Intern | Altruisty Innovation Pvt. Ltd. (Hybrid)** Dec 2024 – Feb 2025 | 2 Months
- Developed ML models using TensorFlow and Scikit-learn for customer behavior prediction and email optimization.
 - Performed data preprocessing, feature engineering, model training, and evaluation to improve prediction accuracy.

PROJECTS

- AI-Powered Multimedia Forensics Platform** | Python, TensorFlow, OpenCV, React.js
- Developed an AI-based forensics platform to detect manipulated images, videos, and hidden steganographic data.
- Automated VAPT Tool** | Python, Nmap, OWASP ZAP, SQLMap, Gobuster
- Built a Python tool to automate reconnaissance, web enumeration, vulnerability scanning, and structured report generation.
- SOC Home Lab** | Ubuntu, Kali Linux, Wazuh, Wireshark
- Simulated cyber attacks, monitored security events using Wazuh for log management and Wireshark for traffic analysis.
- Honeypot & Phishing Detection System** | Python, Flask, ELK Stack
- Deployed a honeypot to capture attack attempts and implemented phishing URL detection with centralized ELK logging.
- Credit Card Fraud Detection System** | Python, Scikit-learn, Pandas, NumPy
- Built an ML model to detect fraudulent transactions with data preprocessing, feature engineering, and model evaluation.

EDUCATION

- B.E. Computer Science Engineering (Cyber Security) | Jerusalem College of Engineering, Chennai** 2022 – 2026 | CGPA: 8.9/10
Honours: Artificial Intelligence & Machine Learning
- Santhome Higher Secondary School, Chennai (Class XII) – Computer Science** 2021 – 2022 | 71%
- Santhome Higher Secondary School, Chennai (Class X)** 2019 – 2020 | 60%

LEADERSHIP & ACHIEVEMENTS

- President, Association of Cyber Security Professionals (200+ Members)
- President, Bit Rebels Cyber Security Club (60+ Members)
- Technical Event Coordinator, HackElite Cybersecurity Symposium
- Participant, Shell NXplorers Hackathon
- Top Performer, PeCan CTF – IIT Madras & Edith Cowan University

LANGUAGES

English – Professional Proficiency | Tamil – Native/Fluent | Hindi – Basic Working Proficiency