S Mohammed Aadil

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Introduction

Full Stack Developer and Cyber-Security Engineer with a growing passion for building secure, scalable applications. Skilled in full-stack development and enthusiastic about learning and applying Cyber-Security principles. Eager to identify vulnerabilities, explore threat mitigation techniques, and implement robust security measures. Thrives in collaborative environments, combining technical skills with curiosity and drive to deliver reliable and forward-thinking solutions.

Career Objective

To obtain a challenging position as a Full Stack Developer or Cyber Security Personnel where I can leverage my development skills and growing knowledge in security to contribute to secure and scalable applications.

Education

Malla Reddy University	**Hyderabad**
B.Tech	*2022–2026*
CGPA: 8.04	
Sri Chaitanya Junior College	**Hyderabad**
Intermediate	*2020–2022*
Sister Nivedita School	**Hyderabad**
School	*2008–2020*

Experience

Palo Alto Networks — **Remote**
Cyber Security Virtual Intern — *Sep 2023 – Nov 2023*

- Completed a 10-week virtual internship focused on core cybersecurity principles, threat detection, and mitigation strategies.
- Gained hands-on experience through practical simulations and security lab environments.
- Developed foundational knowledge in network security, endpoint protection, and cyber risk assessment.

Nodwin DreamHack — **Hyderabad**
Volunteer — *Nov 15 – Nov 17, 2024*

- Designed and conducted interactive workshops at BYOD events, educating 150+ students on secure device usage and data protection, resulting in a 40% improvement in responsible device handling practices.

Projects

Wifi Bastion: A WiFi security application designed to scan networks for vulnerabilities, with a particular focus on detecting and mitigating evil twin attacks.

Phish Shield: An AI-powered website that detects phishing sites by analyzing their characteristics and provides additional details such as IP addresses and geographical locations.

Code Validator: A fully offline, LLM-powered code analysis tool that validates source code, detects and explains errors, rates code quality, and provides intelligent suggestions for improvement across multiple languages without requiring internet access.

Cryptographic Toolkit: A comprehensive desktop application offering hashing, encryption/decryption, digital signing, JWT analysis, and secure file handling features with a user-friendly GUI.

Technical Skills

Languages: Python, Java, HTML	*Intermediate*
Frameworks: React, Spring Boot, Node.js, Express.js	*Intermediate*
Databases: MySQL, MongoDB	*Intermediate*
Cyber Security Tools: Kali Linux, Wireshark, BurpSuite	*Intermediate*

General Skills

Operating Systems: Windows, Linux	*Good working knowledge*
Productivity Tools: Microsoft Excel, Word, PowerPoint	*Good working knowledge*
Virtualization: VirtualBox, VMware	*Basic setup and use for testing environments*

Certifications

Security Operations Fundamentals – Palo Alto Networks: Completed training covering the foundational concepts of Security Operations and SOC practices.

Cloud Security Fundamentals – Palo Alto Networks: Learned core principles of securing cloud environments and cloud-native applications.

Cybersecurity Fundamentals – Palo Alto Networks: Built a solid understanding of general cybersecurity concepts, threats, and defense mechanisms.

Network Security Fundamentals – Palo Alto Networks: Acquired knowledge of network protection techniques and firewall fundamentals.

AWS APAC – Solutions Architecture Job Simulation – Forage: Completed a hands-on AWS job simulation, learning about architectural design, scalability, and cloud-native AWS solutions.
Credential ID: 9C5F9QaHfKnA2etMg

Deloitte Australia – Cyber Job Simulation – Forage: Completed a virtual internship simulating cyber analyst responsibilities, threat detection, and response workflows.
Credential ID: 2yhSxyJqDJcALcq9B

Deloitte Australia – Data Analytics Job Simulation – Forage: Gained exposure to real-world data cleaning, processing, and analysis for decision-making in a business context.
Credential ID: Rc234uEAkPBhS9wN9

Deloitte Australia – Technology Job Simulation – Forage: Participated in a tech consulting simulation focusing on digital transformation strategy and client engagement.
Credential ID: zKsSZE3xmFRCLiXo8

Mastercard – Cybersecurity Job Simulation – Forage: Completed cybersecurity exercises related to phishing detection, secure practices, and reporting.
Credential ID: 7NkJ4T6WLPPtCStWP

Tata Group – Cybersecurity Analyst Job Simulation – Forage: Completed simulation modules covering cyber threat analysis, security control suggestions, and reporting workflows.

Languages

English: Professional   *Fluent in reading, writing, and speaking*
French: Basic   *Familiar with basic vocabulary and phrases*
Hindi: Native   *Fluent in reading, writing, and speaking*
Telugu: Medium   *Comfortable in basic communication*

Achievements & Interests

Hackathons: Participated in multiple hackathons, gaining hands-on experience in problem-solving, teamwork, and rapid prototyping. Emerged as winner in 2 of them.

Tech Summits: Attended several tech summits, staying updated with the latest trends and advancements in technology.

Open Source: Contributed to open-source projects on GitHub, collaborating with developers and improving public codebases.

CTF Events: Participated in Capture The Flag (CTF) cybersecurity challenges to sharpen practical security and cryptography skills.

Hobbies: Enjoy creative pursuits such as graphic designing, video editing, and digital content creation using tools like Adobe Photoshop, and Canva.