

MOHD FARDAN AHMED

Aspiring Cyber Security Professional

Aspiring cyber security professional actively looking for a cyber security role. I continue to learn and build my skills in cyber security in both the GRC and technical areas of cyber security.

Education

Osmania University

B.E in Electronics and Communication Engineering
(2021- 2025)

Telangana State Board of Intermediate Education

Hidayah Junior College
CGPA : 7.8/10
(2019- 2021)

Secondary School Education

Royal Embassy High School
CGPA : 8.7/10
(2019)

Certificates

- **Google Cyber Security Certificate:**
Includes Linux, MySQL, and Python hands-on labs.
- **Qualys Vulnerability Management Detection and Response**
- **CS50's Introduction to Programming with Python**
Gained skills in Regex, OOP and data structures
- **Intro to Splunk**
- **CompTIA Security+** (In Progress)

Experience

Tata Cybersecurity Security Analyst Job Simulation on Forage – July 2024

- Completed an IAM job simulation with Tata Consultancy Services, acquiring cybersecurity expertise and aligning strategies with business objectives.
- Delivered clear documentation and presentations to explain technical concepts.

Mastercard Cybersecurity virtual experience program on Forage – May 2024

- Completed a job simulation as an analyst on Mastercard's Security Awareness Team, identifying and reporting security threats like phishing.
- Analyzed security training needs and implemented targeted training courses and procedures for relevant teams.

Ports Wigger Labs:

- Completed basic labs on key web vulnerabilities, including XSS, SQL Injection, XML External Entity, CSRF and SSRF.
- Gained foundational knowledge of authentication, access control, and session management flaws.
- Practiced identifying insecure file uploads and directory traversal vulnerabilities.

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Location: Hyderabad, India.

Projects

Design and Implementation of AES-SHA Security Hardware using FPGA (In Progress):

- Designing and implementing an FPGA-based cryptographic hardware module combining AES and SHA for secure communication.
- I am involved in writing and refining Verilog/VHDL code, with an emphasis on achieving accurate simulations and efficient implementation.
- This project is aimed at delivering a low-latency, high-speed hardware solution for secure applications.

Journalizer:

- Developed using Python and integrated with NLP libraries to automate the conversion of transaction lists from CSV files into structured journal entries.
- Implements core financial and accounting principles, including personal, real and nominal accounts, to ensure accurate journal entry categorization.
- Aims to streamline accounting processes and improve the efficiency of financial record-keeping

Technical Skills

- **Networking & Infrastructure:** Foundational knowledge of IT systems, network architecture, TCP/IP stack, and secure communication protocols; exposure to network analysis tools like Wireshark and TCP Dump.
- **Vulnerability Management:** Skilled in organizing assets for scanning and remediation, running effective vulnerability scans, and prioritizing remediation using TruRisk.
- **Programming Languages:** C, Python, SQL.
- **Operating Systems:** Windows, macOS, Linux.
- **Cybersecurity Tools:** Familiarity with Burp Suite, Splunk, Chronicle, and Qualys VMDR.

Soft skills

- Exceptional communication and Programming skills.
- Successful working in a team environment as well as independently.
- The ability to work under pressure and multi-task.
- The ability to follow instructions and deliver quality results.

Interests

Chess, Swimming, Cricket.

