

Raihan Ahmed

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EDUCATION

San Jose State University
BSBA, Management Information Systems

San Jose, CA
Aug 2024 – Dec 2026

CERTIFICATIONS

CompTIA Security+
Issued: August 2025

AWS Certified Cloud Practitioner
Pursuing

Expected: October 2025

EXPERIENCE

IT Intern
ZeroXP, Inc.

May 2025 – August 2025
Santa Clara, CA

- Audited, troubleshooted, and provisioned devices and Azure cloud resources, resolving technical issues and ensuring all configurations adhered to established security policies for secure and reliable deployment.
- Enforced security policies while administering Office 365 accounts using Microsoft Admin Center and PowerShell, ensuring user access was provisioned securely and efficiently.
- Managed and secured JIRA and Confluence platforms, resolving user-reported issues and documenting changes to uphold data integrity and facilitate secure project tracking.

PROJECTS

Malware Analysis Homelab

June 2025

- Simulated a malware attack using Metasploit and Kali Linux to generate and execute a malicious payload in a virtualized lab environment.
- Utilized Splunk and Sysmon to collect and analyze system logs, identifying key Indicators of Compromise (IOCs) such as process creation and network connections.
- Documented and reported findings on the malware's behavior, creating a reference for detecting similar threats on a live network.

Network Security Engineering

July 2025

- Established a secure, multi-layered network with segmentation, successfully blocking unauthorized traffic and strengthening network defenses.
- Mitigated network security risks through the development and deployment of custom IDS rules, resulting in enhanced threat detection capabilities.
- Validated the network's security posture by performing attack simulations and tuning firewall rules, resulting in enhanced protection against common attacks.

IT and Security Automation

March 2025

- Developed automation scripts using Python and PowerShell to streamline repetitive security and system administration tasks.
- Wrote scripts to automate security tasks such as log analysis, user management, and system auditing, significantly improving efficiency and reducing manual effort.
- Demonstrated expertise in scripting by building practical solutions for file processing, data manipulation, and security-related workflows.

TECHNICAL SKILLS

Cybersecurity & Tools: Splunk, Sysmon, Atomic Red Team, MITRE ATT&CK, Incident Response, Log Analysis

Cloud & Virtualization: AWS, Azure, VirtualBox

Operating Systems: Windows Server (Active Directory), Windows 10/11, Kali Linux

Languages: Python, PowerShell

Networking: OSI Model, TCP/IP, DNS, DHCP, VPN, Firewalls, Network Troubleshooting