

Hiba Elfaki

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SUMMARY

Network Security Engineer with 4+ years of experience securing enterprise networks and cloud environments. Specialized in FortiGate firewalls, VPN technologies, and AWS cloud security. Proven ability to design, implement, and troubleshoot secure infrastructures across on-premises and cloud environments. Holds NSE7, AWS Solutions Architect Associate, AWS CloudOps Engineer Associate, NSE4 and CCNA certifications.

CERTIFICATIONS

- **AWS Certified CloudOps Engineer – Associate.** 2026
- **Fortinet NSE7 – Enterprise Firewall 7.6 Administrator.** 2025
- **AWS Certified Solutions Architect – Associate.** 2024
- **Fortinet FortiGate 7.2 Administrator (NSE 4).** 2023
- **Google IT Support Professional Certificate.** 2023
- **Cisco Certified Network Associate (CCNA – Routing & Switching).** 2022

SKILLS

- **Cloud Technologies:** Amazon Web Services (AWS) – CloudFront, Terraform, CloudFormation, Lambda, SAM, EC2, S3, RDS.
- **Network Security:** Firewalls (FortiGate), Intrusion Detection/Prevention Systems (IDS/IPS), Web Application Firewalls (WAF), VPNs, Email Security (FortiMail).
- **Networking:** TCP/IP, BGP, OSPF, VLANs, Network Segmentation.
- **Operating Systems:** Windows, Linux.
- **Programming & Scripting:** Python, C, Bash.

EXPERIENCE

Freelance Network and Firewall Consultant

Jun 2023 – Present

- Designed and deployed FortiGate firewall solutions for SMB clients, including VPN setup and network segmentation.
- Implemented secure site-to-site and remote access VPNs to support business operations
- Assisted clients in strengthening network security posture through firewall hardening and best practices
- Provided troubleshooting and optimization for network performance and security issues.

IT Support & Network Administrator

Feb 2025 – Present

Saud Al-Assady Law Firm *Riyadh, Saudi Arabia*

- Implemented secure remote access solutions for employees, improving operational continuity and reducing downtime.
- Manage Active Directory environment, including user access, group policies, and security controls.
- Maintain Microsoft 365 and SharePoint environment with focus on access security and data protection.
- Troubleshoot network and security issues, reducing recurring incidents through proactive monitoring.
- Act as the sole IT and security point of contact, ensuring system availability and data protection.

Network Security Engineer

May 2022 – Jun 2023

USETECH Co. Ltd. *Khartoum, Sudan*

- Diagnosed and resolved issues with 50+ firewalls, network devices, and Web Application Firewalls (WAF), minimizing downtime by 60%, and improving client system reliability.
- Designed and implemented 5+ secure VPN solutions to support remote access and seamless inter-branch connectivity.
- Led the migration of FortiMail systems, reducing downtime by 100%.
- Upgraded security devices and applied necessary patches to maintain high levels of protection against evolving cyber threats.
- Provided innovative, out-of-the-box solutions and workarounds to address complex network challenges, increasing the overall network efficiency, security, and uptime by 30%, while reducing troubleshooting time by 40%.

Internship in Technical Support

Oct 2021 – Nov 2021

Sudanese Civil Aviation Authority *Khartoum, Sudan*

- Provided technical support across 10+ departments, resolving 200+ employee issues and ensuring smooth daily operations.
- Assisted the IT team in troubleshooting and resolving network and hardware problems, improving system performance and uptime by 15%.

Internship in Technical Support

Aug 2021 – Oct 2021

Khartoum international Airport *Khartoum, Sudan*

- Collaborated with the team on network segmentation and infrastructure setup, including cabling and faceplate installation, ensuring secure and efficient network operations.
- Assisted the technical support team in troubleshooting and resolving over 300 user issues related to network connectivity and hardware devices, minimizing downtime by 30% and optimizing system performance.

PROJECTS

- Provided a demo for a client's PHP Laravel web app using Elastic Beanstalk and MySQL DB.
- Amazon Bedrock Exploration with SageMaker domain and JupyterLab.
- Deployed serverless resources using AWS SAM and Terraform.
- Reduced EC2 cost using Lambda functions and EventBridge.
- Deployed EC2 instances using CloudFormation.
- Converted CloudWatch events into CSV format using Python.
- Deployed an HTML, CSS, JS game from GitHub to S3 using CodePipeline and added CloudFront.
- Deployed a React app using AWS Amplify.
- Hosted My Website in S3 and CloudFront as CDN.

EDUCATION

- Sudan University of Science and Technology *Khartoum, Sudan* Dec - 2020
Bachelor of Engineering (Honors) in Electronics Engineering (Computer and Networks).