

Hidaya Yusuf Sherif

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1999-07-27

Profile Summary

I am currently working as a Junior Security Engineer at Kifiya Financial Technology PLC, where I focus on incident response, log analysis, and vulnerability assessment. My expertise includes utilizing tools such as Wazuh, Burp Suite, and OWASP ZAP to identify and mitigate security vulnerabilities, ensuring the protection of sensitive data in digital lending products.

Previously, I served as a Site Reliability Engineer, where I collaborated with development teams to implement continuous integration and deployment pipelines, enhancing software delivery efficiency. My foundational experience in IT support has equipped me with strong troubleshooting skills and a solid understanding of hardware and software systems.

I hold a Bachelor's degree in Information Science from Addis Ababa University. My participation in the Iacocca Global Village program at Lehigh University has further enriched my leadership and cross-cultural communication skills.

Work Experience

Office intern/IT support at PC COM Computer Service (2021-11-01 - 2022-02-28)

Location: Addis Ababa, Ethiopia

Responsibilities: Assisted the IT manager, configured and maintained various hardware and software, and performed regular back-ups.

Installed computer systems and executed other duties as required.

Attended client meetings and took detailed notes of the discussion on developing a data center.

Assisted in writing reports that focused on the improvement of a network design for a client.

Junior Site Reliability Engineer at Kifiya Financial Technology PLC (2022-03-08 - 2023-08-09)

Location: Addis Ababa

Responsibilities: • Provide supports and maintenance to client systems as well as internal infrastructure systems and IT systems- both hardware and software (virtual and physical)

• Analyzing project requirements and production support documentation for the development of software testing plans

• Create and maintain test data, progression and regression test suites, for functional, and none functional testing

• Identifying and reporting software defects and test findings , using Postman, Selenium and designated defect tracking tool(Jira)

• Communicating testing status on a timely manner to QA lead as appropriate to ensure progress is known

• Collaborate with security teams to implement security best practices, perform vulnerability assessments, and ensure compliance with industry standards and regulations

- Windows Server administration, systems documentation, backup configuration, systems performance monitoring, systems availability monitoring
- Migrated company's Domain Controller from MS Windows Server 2012 to Windows Server 2016.
- Develop, update and manage GPO across multiple domain
- Perform Active Directory Services administration and management to include design, cleanup and routine maintenance and configuration
- Assist in management and support of internal and external DNS systems. Assist in management and support of internal DHCP architecture and scoping
- Installation and Customization of Document Management system for the company and perform role out onsite
- Installation, configuration and administration of Pfsense firewall
- Installation, configuring and monitoring Security Information and Event Management (SIEM) platform namely Wazuh for security alerts.

DevOps Engineer at Qena Software Design & Development (2023-08-10 - 2023-11-01)

Location: Addis Ababa

Responsibilities: • Collaborate with development teams to implement and maintain continuous integration and deployment pipelines, ensuring efficient and automated delivery of software releases.

- Configure, manage, and monitor apps on Digital Ocean.
- Utilized GitHub Actions to automate the build, testing, and deployment processes of web applications, ensuring faster delivery and higher code quality.
- Developed and maintained Jenkins pipelines for seamless integration of code changes and automated testing.
- Leveraged various Jenkins plugins to enhance functionality, including integration with version control systems (e.g., Git) and notification systems for build status.
- Assist in managing and maintaining configuration management tools such as Ansible to automate deployment and configuration of infrastructure and applications.

Education

Bachelor's Degree in Information Science

Institution: Addis Ababa University | Dates: 2017-10-10 - 2022-02-28

Location: Addis Ababa

Master's Degree in Software Engineering

Institution: HiLCoE School of Computer Science and Technology | Dates: 2025-02-03 -

Location: Addis Ababa

Skills & Tools

Programming language skills(C++, Java, C#, HTML, PHP, Python, Prolog) | Containerization, Git, Ansible, Jenkins, Docker, Terraform | Linux server and environment knowledge. (ubuntu, red hat) | Mockup softwares for web app interfaces | Quality assurance, Selenium, Postman | Windows Server administration, systems documentation, backup configuration | Systems performance monitoring, systems

availability monitoring | pfSense and VPN networks | Windows batch file scripting, Windows powershell scripting | kali-linux

Languages

English

Awards & Certificates

Scholarship from Iacocca Foundation (2020-06-10)

Description: Selected to participate in the Iacocca Global Village for Future Leaders 2020/21. Awarded a full-program fee scholarship in the amount of USD \$7,500 funded by Iacocca Foundation