Azzam Mohammed Alsharafi *CCNA-Certified*

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Professional Experience

2024/07 – present

Network Engineer Intern
IP ServerOne Solutions Sdn. Bhd.
- **Network Automation:**
  - Develop workflows for automating deployment and configuration of a data center network using Ansible, AWX, and Netbox.
  - Build monitroing dashboards with Grafana and Telegraf.
  - Develop Python scripts to automate routinely tasks.
- **Networking:**
  - Configure and deploy RPKI for border routers.
  - Migrate a Cisco border router to a Juniper replacement router.
- **DevOps**
  - Develop deployment/provisioning scripts for cloud platform based on OpenStack.

2024/03 – 2024/06

Teaching Assistant
Universiti Malaya (UM)
- **Network Technology Foundation** course. Work includes aiding lecturers, teaching students, and helping them during lab sessions.

2022/11 – 2023/05

Full Stack Developer (part-time)
Fend Tech Sdn. Bhd.
- **Developer for AI-based software:** Develop frontend using JavaScript frameworks (Vue, React). Work on backend using technologies such as SupaBase and PocketBase. Work on AI models, including collecting, cleaning, and labeling datasets.
- **Cloud DevOps**: Setting up cloud environment on various platforms (Azure, AWS). Develop CI/CD pipeline on AWS using AWS-CDK.

Skills

Network Automation
Experince with Ansible, AWX, Semaphore, Netbox.

Networking
Hands-on experience with Cisco devices, including concepts such as BGP multihoming, and VXLAN. Experience on Juniper devices.

Software-Defined Networking (SDN)
Experience with OpenFlow, P4, ONOS, Ryu Controller, OpenVSwitch.

Programming
Languages: Python, Java, JS/TS, C, Rust, Dart.

Cloud DevOps
Experience with various cloud providers, including Azure, AWS, GCP. Experience using Linux, Docker. Experience with OpenStack for self-managed cloud deployment.

Education

Bachelor of Computer Science (Computer System & Network)
Universiti Malaya (UM)
2021/10 – 2025/02

Latest CGPA: 3.86

Projects

Hybrid SDN Management System
2023/10 – 2024/06
Develop a network management system to manage hybrid networks (consisting of SDN and traditional non-SDN devices) allowing users to configure various policies using GUI environment.
Technologies: OpenFlow, Ryu Controller, NETCONF, Python.

Certificates

Cisco Certified Network Associate
CCNA

Cisco APJC NetAcad Riders 2024 ⌁
Round 1 Top 3 in Malaysia, Gold Cert.

Languages

Arabic
Native

English
Professional