

# Azzam Mohammed Alsharafi

## Software Developer & NetDevOps Engineer

✉ azzam@alsharafi.dev

☎ +60 147586286

🌐 /AzzamAlsharafi

🌐 /in/azzam-alsharafi-3a5a3024a/

🔗 https://azzam.alsharafi.dev/

### Professional Experience

2024/07 – present	<b>Network &amp; DevOps Engineer Intern</b> <i>IP ServerOne Solutions Sdn. Bhd.</i> <ul style="list-style-type: none"><li>Automated network deployments with <b>Ansible</b> and <b>Python</b>.</li><li>Built monitoring dashboards using <b>Grafana</b> and <b>InfluxDB</b>.</li><li>Managed <b>Cisco</b> and <b>Juniper</b> routers.</li><li>Developed scripts and pipelines, for an <b>OpenStack</b>-based cloud platform, using <b>Bash</b>, <b>Ansible</b>, <b>Terraform</b> and <b>Packer</b>.</li></ul>
2024/03 – 2024/06	<b>Teaching Assistant</b> <i>Universiti Malaya (UM)</i> <ul style="list-style-type: none"><li><b>Network Technology Foundation</b> course. Work includes aiding lecturers, teaching students, and helping them during lab sessions.</li></ul>
2022/11 – 2023/05	<b>Full Stack Developer (part-time)</b> <i>Fend Tech Sdn. Bhd.</i> <ul style="list-style-type: none"><li>Develop frontend using <b>React</b>.</li><li>Work on backend using <b>SupaBase</b> and <b>PocketBase</b>.</li><li>Work on AI models, including collecting, cleaning, and labeling datasets.</li><li>Setting up cloud environment on <b>Azure</b>, and <b>AWS</b>.</li><li>Develop CI/CD pipeline on <b>AWS</b> using <b>AWS-CDK</b>.</li></ul>

### Skills

#### Programming

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

#### Software Development

Experienced in frontend development with React and Next.js, backend systems with Python, and mobile app development using Java (Android) and Flutter.

#### Networking and Automation

Experienced in network automation with Ansible, managing Cisco and Juniper devices, and SDN technologies like OpenFlow and Ryu Controller.

#### 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

*Unified management for SDN and traditional networks*

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, React.

#### Invitations Platform

*Create beautiful and seamless event invitations.*

A web application designed for creating event invitations, with a primary focus on weddings. It features a beautiful, smooth, and responsive design, allowing users to share event details and collect RSVPs seamlessly.

**Technologies:** Next.js, Supabase, TypeScript, TailwindCSS.

### Certificates

#### Cisco Certified Network Associate

CCNA

### Languages

Arabic

Native

English

Professional