

CONTACT

- contact.aiman.azman@gmail.com
- aimanazman.com
- GitHub
- LinkedIn

SKILLS

Languages

- Python
- JavaScript
- TypeScript
- Java
- PHP
- HTML/CSS
- C++

Frameworks

- Django
- Spring Boot
- Next.js
- React
- Angular
- Ionic
- Tailwind CSS

Databases

- PostgreSQL
- MySQL
- MongoDB

DevOps & Tools

- Docker
- Git
- Nginx
- Traefik
- Linux
- Postman
- Figma

CERTIFICATIONS

CompTIA Cloud+ (CVO-004)

Candidate ID: COMPO01022938752
Issued: December 2025 – December 2028

Nexa Certified Cybersecurity Associate

Nexa Academy, Nexagate

LANGUAGES

- English – Professional
- Malay – Native

Muhammad Aiman Iskandar bin Azman

Full-Stack Developer · Cloud & DevOps Fundamentals

Recent Bachelor of Information Technology (Hons) graduate from UPTM (August 2026), specializing in Computer Application Development, and CompTIA Cloud+ certified. Completed two internships at Nexagate building REST APIs and a client-facing web portal, and delivered three full-stack projects with Django, Spring Boot, React and Next.js, deployed in Docker. One of them, my final year project, placed 3rd at ICT Got Talent 6. Seeking an entry-level full-stack or backend developer role where I can apply these skills and keep learning.

WORK EXPERIENCES

Nexagate Backend Web Developer Internship

May 2026 – August 2026

Python · Django · Docker · REST APIs

- Developed and documented REST API endpoints and routing for the NSI platform and its Cyber Security Brunei (CII) module.
- Migrated the CII module's email delivery from SendGrid to a self-managed SMTP client, giving the team full control over delivery infrastructure and removing a third-party dependency.
- Built the NSI Risk API endpoints that integrate Kaspersky's KSC Open API, bringing real-time threat-intelligence data into the NSI database to strengthen the platform's threat detection.

Nexagate Full-Stack Web Developer Internship

January 2024 – May 2024

Python · Django · Jinja · Docker

- Built a client-facing Django web portal for delivering cybersecurity services to government sector institutions, serving high-profile institutional users.
- Designed and implemented an automated report-generation pipeline using Jinja templates that turns database records into formatted security reports, produced for Lembaga Tabung Haji.

PROJECTS

Laypak: Place-Finding Platform

2026

Linux · Docker · Networking · Self-Hosted Services

- A mobile-first web app for finding, sharing and moderating places to study, work or relax across Malaysia, in English and Bahasa Melayu.
- Designed and built the full stack: a Spring Boot modular-monolith API with a contract-first OpenAPI specification, and a Next.js and TypeScript client with interactive MapLibre maps.
 - Modelled location data in PostgreSQL with PostGIS for "near me" and landmark search, managed through 37 versioned Flyway migrations.
 - Implemented role-based access (user, moderator, admin) with default-deny authorization, a moderation workflow for every submission, and staff sign-in protected by a PIN, password and one-time code.
 - Hardened the web client with a Content-Security-Policy and strict URL validation, and shipped it containerized with Docker Compose behind Traefik, with GitHub Actions for continuous integration.

OpenCanvas: Collaborative Web Platform

2025 – 2026

Django 4.2 · React 18 · MySQL · Docker · Traefik · Nginx

- A collaboration platform built for UPTM to replace tools that limit boards, file sizes and course management. 3rd place, ICT Got Talent 6 & Gizmo.
- Architected the platform end to end, addressing real limitations of existing tools: board limits, file-size caps and the lack of course management.
 - Developed four Django applications exposing REST APIs to a React 18 front end, about 25,000 lines of production code.
 - Deployed in Docker containers with Traefik and Nginx, including automated SSL certificates, for a production-grade setup.

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PROJECTS

BookHive: Online Bookstore System

2025

Java EE · JSP · MySQL · Maven · Tomcat 9

- Built an MVC bookstore application (21 Java classes, 9 JSP pages) covering user authentication, catalog browsing and order management.
- Secured user credentials with BCrypt password hashing, and resolved servlet namespace conflicts across Tomcat versions.

EDUCATION

Bachelor of Information Technology (Honours) in Computer Application Development

Universiti Poly-Tech Malaysia (UPTM)
Expected Graduation: 2026 · CGPA: 3.49

Diploma in Computer Science

Universiti Poly-Tech Malaysia (UPTM)
Graduated in 2024 · CGPA: 3.06

AWARDS & ACHIEVEMENTS

ICT Got Talent 6 & Gizmo

April 2026

UPTM | Faculty of Computing & Multimedia

3rd Place, Degree Category
Awarded for OpenCanvas, a smart digital collaboration platform

INTERESTS

Cloud Infrastructure · DevOps & Deployment Automation · Web application security · Networking · Open-Source Software