

# MUHAMMAD NAJMI BIN MOHD SANUSI

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Portfolio: [namix.my](https://namix.my) | Github: [NameNami](https://github.com/NameNami) | LinkedIn: [najmisanusi](https://www.linkedin.com/in/najmisanusi)

## Professional Summary

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Full Stack Developer with a 3.82 CGPA, specializing in end-to-end application development. Experienced in engineering web scraping pipelines and designing responsive user dashboards. Seeking a 4 to 6 months Software Engineering Internship starting 3 August 2026 to apply skills in system design and development.

## Education

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### Universiti Kuala Lumpur

Diploma in Information Technology

January 2027 (Expected)

CGPA: 3.82

### SMKA Melor

Sijil Pelajaran Malaysia (SPM)

March 2024

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Core Subjects: Islamics, Accounting & Business

## Projects

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### kaksaba.com

Lead Dev & Designer | HTML, CSS, Antigravity | In Progress

Present

- Designed the UI/UX and developed the site using pure html and css to maximize the loading speed.
- Managed product photography and optimized all image assets using the WebP format.
- Configured the domain, google search console and cloudflare pages.
- Achived near-perfect performance scores on Google PageSpeed Insights

### BEATS: BLE-Based Smart Attendance System with Gamification and Lecturer Analytics

Team Leader, Full Stack & IoT Dev | Laravel 13, Vue.js, Inertia.js, Tailwind CSS, MySQL | FYP

- Architecture & Database:** Designed the complete system architecture and erd to support multi-role portals, gamification tracking, and hardware interactions.
- Authentication & Security:** Implemented secure multi-platform login systems utilizing Laravel Sanctum for mobile API tokens and session-based authentication for the web dashboard.
- Frontend & Automation:** Designed the UI/UX for the Vue.js Lecturer Portal and built automated cron jobs via Task Scheduler to process missing students and rotate beacon UUIDs every 5 minutes.
- Hardware Integration:** Programmed ESP32 C++ firmware (ESP-IDF/NimBLE) to broadcast iBeacon signals and transmit encrypted hardware heartbeats to the server.
- DevOps & Deployment:** Configured a CI/CD pipeline using GitHub Actions to run automated Pest test suites and deploy the production application directly to a Linux VPS.
- Cuurently participating in UniKL MIIT FYP Innovation Showcase 2026 (Diploma | Smart Systems and Software Solutions)**

### Shopee Shop Automation System

Python, Flask, Shopee OpenAPI, Discord API

- Developed a digital fulfillment system using the Shopee OpenAPI and Discord SDK, enabling automated inventory tracking and instant self-service item redemption for customers.

### UI/UX Wireframe Rev Auto Part

Figma

- Designed a high-fidelity, interactive UI/UX prototype for an automotive e-commerce platform, mapping complete user journeys from dynamic product filtering ("Search by Car") to multi-step checkouts and purchase history dashboards.

## Live Currency Converter

Java

- Developed a desktop application using Java Swing to perform real-time currency conversions by integrating a live REST API via HTTP requests.
- Implemented JSON parsing logic to extract and map live exchange rates to 33 global currencies, utilizing HashMaps for efficient currency code and symbol lookups.
- Designed a customized graphical interface featuring bulk conversion data tables and specific currency calculators, including robust input validation and error handling mechanisms.

## Certification & Awards

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Certification:

- **App Development with Swift - Associate** (Expires 2030 | Certified by Apple) **August 2025**

Competition:

- **TopCoder Competitive Programming 2025** | National Level (20<sup>th</sup> place), University Level (3<sup>rd</sup> place)
- **Huawei ICT Cloud Track 2025** | National Level
- **Huawei Innovation 2025** | National Level
- **Kabel Hackathon 2025** | National Level

## Leadership

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**Lead Logistics** | Teknofest Legacy 2026

- Directed end-to-end logistics and resource allocation for a 2000-attendee event, collaborating across 5 departments to ensure seamless execution.

**Person In Charge (PIC)** | SEAnema (Teknofest Legacy 2026 Sub-event)

- Managed full-cycle event operations, directly overseeing technical audio/visual infrastructure, budget allocation, marketing collateral, and overall attendee hospitality.

**Sub-Exco Marketing & Development** | Student Entrepreneur Assoc 2025/26

**Logistics Committee** | Clubverse 2025

**President** | Black Belt Muni's Taekwondo Club 2023/24

**President** | Taekwondo SMKA Melor 2022/23

## Skills

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**Programming Languages:** Python, PHP, C++, Java, SQL (MySQL), JavaScript, Swift, HTML, CSS, MicroPython

**Web Frameworks & Libraries:** Laravel 13.x, Vue.js 3, Inertia.js, Tailwind CSS, Flask, Pest (Testing Framework).

**Hardware, IoT & Embedded:** ESP32, ESP-IDF v6.0+, NimBLE Host Stack, BLE iBeacon Protocol, MQTT (Messaging Protocol).

**DevOps, Cloud & Infrastructure:** GitHub Actions (CI/CD), Linux VPS Deployment, Docker & Docker Compose, Google Cloud Platform (GCP), FirebaseAI, Git, GitHub.

**APIs & Development SDKs:** Shopee OpenAPI, Laravel Sanctum (API Auth), Discord SDK, Telegram SDK, Twilio API, REST APIs.

**UI/UX & System Design:** Figma (High-Fidelity Interactive Wireframing), Draw.io, Mermaid.js (Architecture & Flow Diagramming).