

MUHAMMAD ISYRAF AFIFI BIN ISMAIL

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PROFILE SUMMARY

Fullstack developer completing Gamuda AI Academy (Yayasan Gamuda × Google Cloud), where I led codebase architecture and Git workflows for an AI-powered capstone team. Previously replaced legacy SAP UI5 customs-clearance workflows with a production Flutter Web platform at Malaysia's largest automotive manufacturer, and independently shipped consumer products end-to-end — including an esports tournament platform and a clinic booking system — using Next.js, FastAPI, and Google Cloud. Looking to join a product team where I can own features end-to-end, from architecture decisions to deployment and user impact.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Dart, PHP, SQL

Frontend: React, Next.js (App Router), Flutter Web, Tailwind CSS, shadcn/ui

Backend: FastAPI, Laravel, SQLAlchemy

Databases: PostgreSQL, MySQL, Firebase, Supabase

Cloud & DevOps: Google Cloud Run, Docker, Vercel, Cloudflare (Pages, R2, Workers), GitHub (Version Control, Actions)

AI / ML: Gemini API, Vertex AI, RAG Architecture, Prompt Engineering

Auth & Security: JWT, OAuth2, bcrypt, CORS

PROFESSIONAL EXPERIENCE

Fullstack AI Developer *May 2026 – Jul 2026*

Gamuda AI Academy (Yayasan Gamuda × Google Cloud) · Kuala Lumpur

- Established the codebase foundation for a 6-person capstone team — monorepo structure, tooling, and development standards adopted team-wide, enabling parallel feature development without integration breakage
- Owned Git version control for the team: managed branching strategy, resolved merge conflicts, and coached 5 teammates on push/pull workflows and PR best practices
- Built Baymax — an AI-powered Chrome Extension with React dashboard and content script overlay injected into GCP Console, providing real-time deployment guidance
- Implemented RAG architecture using Gemini API against GCP documentation to return accurate, cited answers to natural-language deployment questions
- Co-designed a Duolingo-style education website for GCP deployment with structured learning paths for Cloud Run, Cloud SQL, and IAM

Associate Consultant – Software Developer *Jan 2025 – Mar 2026*

E-Outsource Asia Sdn Bhd (VISEO Asia) · Kota Damansara

- Engineered a production-grade Flutter Web platform replacing legacy SAP UI5 workflows for customs clearance operations at Malaysia's largest automotive manufacturer
- Eliminated manual Excel-based master data handling by designing RESTful backend APIs and normalised database architecture using Laravel and MySQL, cutting data-entry effort by an estimated 60%
- Delivered directly into a live enterprise environment with alignment across technical teams and business stakeholders

Emerging Tech Intern (Programmer) Feb 2024 – Aug 2024

Delaware Consulting Malaysia · Bangsar South, KL

- Built and deployed cloud-native enterprise applications on SAP BTP Cloud Foundry within an agile consulting environment
- Designed automated document-generation pipelines for Tokio Marine Life Insurance using OpenText Exstream (XML → dynamic PDF workflow)

PROJECTS

Esportorium · Next.js · FastAPI · PostgreSQL · Docker · Google Cloud Run · Cloudflare R2 · Vercel 2026 – Present
MLBB esports tournament discovery platform — centralising scattered tournament info across Malaysia into one curated listing.

- Built full-stack platform: Next.js 16 App Router (TypeScript) frontend + FastAPI + PostgreSQL backend with admin approval workflow for organiser-submitted tournaments
- Containerized backend with Docker, deployed to Google Cloud Run (asia-southeast1); frontend on Vercel with SSR and ISR caching; Cloudflare R2 for image storage
- Implemented structured data markup (JSON-LD schemas: Event, FAQPage, HowTo, Organization) targeting AI search visibility in Google AI Overviews, Perplexity, and ChatGPT
- Secured public submission form with Cloudflare Turnstile; admin panel protected by JWT auth and bcrypt password hashing
- Reduced deployment risk by automating backend validation and deployment through GitHub Actions, enforcing linting, test execution, and successful build checks before Cloud Run releases

Baymax — AI GCP Deployment Assistant React · FastAPI · Gemini API · RAG · Chrome Extension · GCP 2026 – Present

AI-powered Chrome Extension guiding developers through GCP deployment workflows in real time.

- Built Chrome Extension with React side panel and content script overlay injected into the GCP Console to surface step-by-step deployment guidance contextually
- Designed RAG pipeline using Gemini API over official GCP documentation — answers natural-language questions with accurate, cited steps
- Co-developed a Duolingo-style education web app with structured modules for Cloud Run, Cloud SQL, and IAM onboarding

Medical Clinic Appointment Booking Platform · Next.js · Vercel 2025

- Designed and shipped a production booking system serving real clinic patients, with SEO optimisation and Google Maps + review API integration
- Improved clinic's online discoverability and patient conversion through search indexing and structured metadata

Speed Trap Monitoring System — Final Year Project · ESP32 · Arduino · Flutter · Firebase · Google Sheets 2024
IoT-based speed monitoring system bridging embedded hardware with a real-time mobile dashboard.

- Built an end-to-end IoT system using an ESP32 microcontroller and IR sensor to detect and record vehicle speed, streaming live readings to a Flutter mobile dashboard via Firebase with 1s latency
- Handled full hardware-software integration from sensor calibration to mobile app (GetX state management), with historical data visualised in Google Sheets

EDUCATION

Bachelor of Computer Science (Software Engineering) 2020 – 2024

Management & Science University (MSU) · CGPA 3.45 / 4.00