

Mikail Adham

Freelance web developer with a Diploma in Computer Science, now reading Statistics at UiTM — building full-stack products for real clients, from campus platforms to corporate sites and data dashboards.

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01 / PROFILE

I design and ship complete web products end to end — architecture, database, backend logic, interface, deployment and DNS. My work runs on live domains with real users, and spans modern JavaScript stacks (Astro, React, edge SQLite) as well as traditional server-side stacks (PHP, MySQL). I hold a Diploma in Computer Science from Universiti Teknologi MARA and am currently reading Statistics there — a combination that shows up most clearly in my data-heavy work.

I'm comfortable owning a project from the first client conversation through to launch: scoping and proposal writing, choosing the stack, building it, and keeping it online.

02 / TECHNICAL SKILLS

FRONTEND

Astro 5 · React · JavaScript · HTML5 · CSS3 · Responsive UI · Recharts · Chart.js

DATABASES

MySQL · Turso / libSQL · Drizzle ORM · Schema & ERD design · Complex joins · Query optimisation

DATA & VISUALISATION

Interactive dashboards · Data storytelling · Statistical analysis (SPSS) · Excel modelling

BACKEND

PHP · Node.js · Better Auth · Role-based access control · REST patterns · Session & auth flows

DEPLOYMENT & OPS

Railway · Domain & DNS configuration · CNAME / TXT records · Namecheap · Production troubleshooting

PROFESSIONAL

Client proposals & scoping · Pricing & quotation · Requirements gathering · Project planning (CPM/Gantt) · English & Bahasa Melayu

LIVE & SHIPPED

[uphub.my](#)

Campus platform

[grngolf.my](#)

Golf platform

[thepipelineproblem.my](#)

Data dashboard

[\(akmalgroup.my\)](#)

Corporate site — pending launch

01 UP HUB

uphub.my

Campus community platform · Full-stack developer

- A community platform for the UiTM student body, combining a peer-to-peer marketplace, a community feed, and a dedicated Events module.
- Built the SAF Tournament System on top of it: automatic bracket generation with a group-stage into single-elimination pipeline.
- Implemented a custom Sepaktakraw MODE B draw engine to handle sport-specific seeding and pairing rules.

Astro Turso / libSQL Auth Marketplace Tournament logic

02 GRN Golf

grngolf.my

Golf platform · Full-stack developer · In active development

- A hosted-game golf platform: players join a session, scores are tracked through a structured game flow specification I authored and refined.
- Type-safe data layer using Drizzle ORM against Turso/libSQL, with Better Auth handling accounts and sessions.
- Deployed on Railway with full custom-domain setup — CNAME and TXT record configuration through Namecheap.

Astro 5 Turso / libSQL Drizzle ORM Better Auth Railway

03 The Pipeline Problem

thepipelineproblem.my

Data visualisation dashboard · Designer & developer

- An interactive dashboard exploring the gap between education outcomes and employment — built to make a dense dataset readable at a glance.
- Charting layer built with Recharts inside React components, served through Astro for fast static delivery.
- Focus on narrative structure: each visualisation answers a specific question rather than simply displaying the data.

Astro React Recharts Data storytelling

04 Akmal Group

akmalgroup.my

Corporate website · Client project (Melaka) · Launch pending

- Multi-brand corporate site for a Melaka-based conglomerate covering Akmal Services Sdn Bhd and Global Dignity Sdn Bhd.
- Information architecture designed so two distinct business identities live under one corporate umbrella without confusing visitors.
- Delivered end to end — content structure, build and deployment; the site goes live on client sign-off.

Corporate web Multi-brand IA Responsive design Client delivery

Early-stage startup · Team member

- Joined the team behind Kunciku, an early-stage Malaysian startup.
- Public site is temporarily offline while the product is under maintenance.

Startup

Product team

Web development

04 / CLIENT WORK & BEYOND THE CODE

Proposals & Client Engagement

- Authored a full web development proposal for **CuciShoes Services**, a Kajang-based shoe cleaning business — scoping the core build and pricing it for the Malaysian SME market.
- Prepared a business pitch for a multi-site engagement covering three separate websites.
- Researched Malaysian freelance market rates to price work competitively without undercutting.

Project & Event Delivery

- Handled staffing and budget planning for the **SAF 2026 tournament** at UiTM Shah Alam — the same event the UP HUB tournament module was built to run.
- Comfortable with formal project planning: CPM network analysis, forward and backward passes, resource levelling and Gantt scheduling.
- Work regularly in both English and Bahasa Melayu with clients and teams.

05 / EDUCATION

- **Bachelor of Statistics** (in progress) Universiti Teknologi MARA (UiTM)
Statistical methods, hypothesis testing and ANOVA, sampling and inference, calculus, and applied analysis in SPSS — a quantitative layer on top of a software background that feeds directly into my data-visualisation work.
- **Diploma in Computer Science** Universiti Teknologi MARA (UiTM)
Foundation across web development, database design and development, software engineering and networking, with coursework delivered as working systems rather than written assignments.