

ARIF ROSHAIMIZAM

Full-Stack Developer | AI-Augmented Software Engineer

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PROFESSIONAL SUMMARY

Computer Science student and full-stack developer who builds fast by pairing with AI coding tools across the full development lifecycle from architecture to deployment. Experienced in owning projects end-to-end: gathering requirements directly from stakeholders, engineering data-heavy PHP/SQL back-ends, and shipping polished frontends with Tailwind CSS. Seeking AI-native engineering roles (AI software development, forward-deployed engineering) where speed, ownership, and direct client collaboration matter most.

TECHNICAL SKILLS

Languages: PHP · JavaScript / TypeScript · SQL · HTML5 · CSS3 / Tailwind CSS

Frameworks & Tools: React · Vite · Service Workers · IndexedDB · Git & Version Control

AI-Augmented Development: Claude Code · GitHub Copilot · Antigravity IDE · NVIDIA NIM API integration · prompt-driven rapid prototyping

Systems: cPanel / Server Management · Relational Database Design · Vercel Deployment

Optimization: WebP Asset Compression · SQL Query Optimization · PWA / Offline-First · SEO

PROFESSIONAL EXPERIENCE

Web & System Developer Intern | UiTM Permatang Pauh - Had Kifayah System

Sept 2025 – Feb 2026

- **Data Engineering:** Engineered a PHP-based calculation engine to process and validate large-scale survey datasets for zakat eligibility management.
- **Database Architecture:** Designed and optimized relational SQL schemas to handle high-volume data entries under concurrent load.
- **Full-Stack Ownership:** Owned full-stack deployment, managing server configuration and backend health via cPanel for internal institutional use.
- **Stakeholder Collaboration:** Collaborated directly with UiTM administrators to gather requirements, iterate on features, and deliver a working system within the timeline.

KEY PROJECTS

Cost of Living — Gamified Productivity PWA (Personal Project)

2025

- **Tech Stack:** Designed and built a full-stack PWA from scratch using Vite, React, and TypeScript, deployed on Vercel, and installed natively as a personal daily-use tool.
- **AI-Augmented Build:** Paired with AI coding agents throughout development to accelerate architecture and iteration, shipping a full offline-first sync system solo in a fraction of the typical build time.
- **Offline-First:** Implemented an offline-first architecture using Service Workers and IndexedDB, enabling seamless task logging without a data connection.
- **Core Logic:** Engineered a debt-trap mechanic with 25% compounding daily interest on negative balances, turning habit tracking into a high-stakes economic simulation.
- **Product Design:** Architected a virtual currency system where productive tasks earn credits and indulgences carry real costs, including an automatic RM5 daily tax.

Yousaf Iqbal Podcast — Self-Initiated Media Platform Concept

Dec 2025

- **UX Strategy:** Independently designed a high-conversion UI/UX concept for a podcast media platform, focusing on audience retention mechanics, content hierarchy, and calls-to-action.
- **Prototyping:** Produced wireframes and a clickable prototype as a self-directed case study in creator-platform UX design.

EDUCATION

Diploma in Computer Science | Universiti Teknologi MARA (UiTM)

Oct 2023 – Feb 2026

- **Core curriculum:** Web Systems, Relational Databases, Logic & Computation, Object-Oriented Programming.
- Active member of the faculty's tech community; engaged in peer mentoring for web development fundamentals.

VOLUNTEERING & COMMUNITY

Tech Associate | Rakan Tutor — Rakan AI Platform (Non-Profit)

Present

- **Product Development:** Contributing to Rakan AI, a gamified LMS inspired by Duolingo's model, featuring streak mechanics, XP rewards, and progressive lesson unlocks.
- **Recent Contribution:** Built a community showcase feature allowing users to share projects and upvote others' work, driving peer engagement.
- **Team Collaboration:** Collaborating with a cross-functional team to architect and build core LMS features using modern web technologies and agile workflows.
- **Mission:** Making structured, gamified education accessible to underserved learners through an intuitive, mobile-friendly platform.