

Yousof Selim

Software Engineering Student | Full-Stack & Backend Development

Subang Jaya / Kuala Lumpur, Malaysia | Full-time internship: Jan–Apr 2027

yousofselim2@gmail.com | github.com/yeegz | linkedin.com/in/ysf-slm | yousofselim.com

Education

Sunway University

Expected Aug 2027

Bachelor of Software Engineering (Honours) | CGPA: 3.40/4.00

In partnership with Lancaster University

Technical Skills

Languages: TypeScript, JavaScript, Dart, SQL; working knowledge of Python and Java

Frontend: Next.js (React), Tailwind CSS, TanStack Query, Flutter, Riverpod, HTML/CSS

Backend & Data: Node.js, NestJS, REST APIs, Firebase, PostgreSQL, Supabase

Tools & Testing: Git, Vitest, Firebase Emulator Suite, Firestore Security Rules

Selected Projects

Bupples | Sole Developer

Feb 2026–Present

Flutter, TypeScript, Firebase, RevenueCat | [App Store](#) · [Google Play](#) · [GitHub showcase](#)

- Released an expense-sharing app on iOS and Android, owning the Flutter client, RevenueCat subscriptions and a Firebase backend with **140 deployed Cloud Functions**.
- Implemented integer-based, per-currency ledgers and deterministic expense splits so rounding and allocations reconcile within each currency.
- Enforced receiver-specific settlement confirmation with server-side role checks and transactional, idempotent updates to prevent duplicate financial changes on retries.

WayClub | Club Event & Approval Platform

2026

Next.js, NestJS, PostgreSQL, Supabase | [GitHub showcase](#)

- Built and deployed a pilot-stage web platform and REST API for event proposals, approvals and attendance, modelling the event lifecycle as **15 server-owned states**.
- Implemented account-scoped row-level security and composite foreign keys to enforce tenant boundaries across database queries and linked records.
- Versioned approval routes and re-evaluated them after proposal revisions; recorded decisions in an append-only, hash-chained audit trail to preserve review history.

CodeAtlas | Code-Change Analysis Tool

Jul 2026–Present

TypeScript, Node.js, Vitest | [GitHub implementation](#)

- Built a local analysis pipeline that maps changed symbols to related tests and compares test behaviour between base and head revisions to investigate regressions.
- Packaged results in SHA-256-hashed, Ed25519-signed evidence manifests; added CLI replay that verifies integrity before rerunning tests in trusted local repositories.

Leadership & Collaboration

Sunway Cybersecurity Club | Digital Marketing Executive

Jan 2026–Present

- Produced 10+ LinkedIn posts and campaign assets for recruitment, events and industry visits, coordinating delivery with committee members and external partners.

Chess Training Page | Team Web Project

Jul 2025

- Redesigned home/contact flows and consolidated CSS and JavaScript through [merged pull requests](#) on a team-built website.