# Yusuf Sabuwala

Dubai, U.A.E | yusuff.0279@gmail.com | +971 52 458 5092 | yusuf-bot.github.io | Linkedin | Github

Backend-focused CS student at American University of Sharjah building Go services, deploy tooling and SQL-backed APIs. Software Engineering Intern at OpenXpert, building client web platforms, CMS and analytics setups.

## Experience

**IoT Club, American University of Sharjah**
*Technical Coordinator | Sharjah, U.A.E | Feb 2026 – Present*

- Improved the UI of the club website (iotclub.openexplorer.xyz) and manage its updates.
- Built a backend to serve content for an upcoming club event.
- Helped deliver 5 club events as part of the technical team.

**OpenXpert Solutions**
*Software Engineering Intern | Dubai, U.A.E | Dec 2025 – Present*

- Developed cross-platform finance apps (Android/iOS) for 5 SME clients, with real-time expense tracking, invoicing and reporting.
- Set up Payload CMS and Umami analytics platforms for clients and internal teams, and Docker-based backends linked across projects.
- Built full-stack web applications with React, Laravel and Vue, improving landing-page SEO and performance.
- Managed Nginx and Docker deployments across staging and production environments.
- Ran security audits with BurpSuite and automated CI/CD pipelines to speed up releases.

**Freelance Software Engineer**
*Dubai, U.A.E | Dec 2024 – June 2025*

- Delivered full-stack web applications for startups using React, Node.js and PostgreSQL, including an e-commerce platform and a booking system.
- Ran end-to-end deployments on VPS infrastructure (Nginx, SSL, CI/CD) for client projects.

## Projects

**Dokkt — Self-Hosted Deployment Platform** Live site | Github

- Built Dokkt, a single-binary Go CLI that deploys self-hosted apps and rolls back automatically when a health check fails
- Wrote versioned SQLite migrations and automated tests covering rollback, promotion and secrets handling
- Automated Let's Encrypt SSL through Caddy, and used Dokkt to deploy my own apps, including Chessler and AUS Schedule Planner

**Chessler** Live site | Github

- Built a full-stack blindfold chess trainer with a Go REST API, JWT auth, bcrypt password hashing and SQLite
- Integrated Stockfish behind a mutex and timeout, so engine requests run safely one at a time

**AUS Schedule Planner** Live site

- Built and launched an unofficial timetable builder for AUS students, which finds conflict-free schedules and exports them as PNG or PDF
- Set up SEO with a sitemap, robots.txt, canonical tags and structured data

**ShellScribe** Github

- Built a Python CLI that streams replies from the Mistral API through a Flask server, keeps a local history file, and shows a diff before writing generated code to disk

## Education

**American University of Sharjah**, Sharjah, UAE 2025 – Present

- 3.9 GPA first semester; Dean's List and Chancellor's List; Assistant Head of Web Development; contributed to the CSE advising page; GDG on Campus

**Skills:** Go, Python, SQL, JavaScript, Bash, Docker, Nginx, Caddy, PostgreSQL, SQLite, React, Laravel, Payload, Umami