

Yousof Selim

Software Engineering Student

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Full-time internship: 25 Jan - 23 Apr 2027

PROFILE

Software Engineering student building released mobile and desktop products alongside web platforms. I enjoy solving correctness and usability problems, from exact expense ledgers to Windows rendering bugs.

EDUCATION

Sunway University | Bachelor of Software Engineering (Honours) Expected Aug 2027
Dual-award programme in partnership with Lancaster University

TECHNICAL SKILLS

Programming: TypeScript, JavaScript, Dart, SQL; Python and Java (working knowledge)

Frameworks and data: Flutter, React, Next.js, Node.js, NestJS, PostgreSQL, Firebase

Testing and tools: Vitest, Playwright, property-based testing, Git, GitHub Actions

Spoken languages: English (fluent), Arabic (native)

SELECTED PROJECTS

Bupples | Shared expense app Feb 2026 - Present

Sole developer | Flutter, Firebase, TypeScript | Released on iOS and Android

- Released Bupples on iOS and Android, owning the Flutter client, Firebase backend, receipt-review flow, subscriptions and native widgets.
- Kept receipt splits consistent across Dart and TypeScript with integer arithmetic, server-side transactions and property-based checks for money conservation.

Photoshoot | Photo booth for Windows and web Jun 2026 - Present

TypeScript, Electron, WebGL2, MediaPipe | Windows v1.3.0 released

- Shipped Windows v1.3.0 and a browser photo booth with 25 live effects using WebGL2 and on-device MediaPipe processing.
- Fixed a Direct3D11 black-viewfinder defect and added Playwright pixel assertions for rendered previews and saved photos in Windows CI.

WayClub | Group management platform Aug 2026 - Present

Next.js, NestJS, PostgreSQL | Local implementation; public showcase

- Built member event discovery and registration alongside committee meetings, tasks and handover, with PostgreSQL permissions separating each group's records.

CareerOS | Career profile and publishing platform Oct 2026 - Present

Next.js, TypeScript, PostgreSQL, Drizzle | Private Google Cloud pilot

- Built a career platform with versioned evidence, human-reviewed publishing and durable PostgreSQL background jobs using leases, retries and dead-letter handling.

COLLABORATIVE EXPERIENCE

Tajweed | UX and frontend collaborator 2026

Collaborative project with Hatem Samad | Next.js, TypeScript

- Contributed guided lesson progression, navigation and recitation-flow redesign to a shared Next.js application, working alongside the original developer.

LEADERSHIP

Sunway Cybersecurity Club | Digital Marketing Executive Jan 2026 - Present

- Coordinate event and recruitment content with committee members, translating briefs into graphics, LinkedIn posts and communications for cybersecurity meetups and industry visits.