

OMAR EL HAWARY

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PROFILE

First Class Computer Science graduate from Queen Mary University of London, focused on frontend and full stack web products. Strongest on typed React and Next.js, with Supabase, PostgreSQL, and SSR work behind them. Five live, deployed projects, including a social sports platform, a Chrome extension wired to the Claude API across nine ATS platforms, an interactive solar system pulling from NASA APIs, an offline expense splitter, and a browser precision game with a custom Web Audio synth. Looking for junior to mid level frontend or full stack roles in London or remote.

SELECTED PROJECTS

PeerFit: Social Sports Platform

peerfit.co.uk

Next.js 15, TypeScript, Supabase, Tailwind CSS 4

- Rebuilt an earlier PHP/MySQL prototype as a Next.js 15 app with Supabase auth, SSR session handling, and full light/dark theming.
- Production social platform connecting nearby players for pickup games across 15+ activities, with peer ratings, activity feed, and a numbered editorial landing page.
- Owned every layer of the rebuild, from data model through to deployment, now live and serving real users.

Emplorio: Chrome Extension for Job Applications

emplorio.co.uk

TypeScript, Next.js 15, Fastify, Drizzle, Neon, Manifest V3, Claude API

- Manifest V3 extension that auto fills applications across nine major ATS platforms including Greenhouse, Lever, Workday, Ashby, and LinkedIn from a single saved profile.
- Wired the Claude API into the extension to draft tailored cover letters, screening answers, and follow ups in the user's voice, with bring your own key so cost stays with the user.
- Tuned popup UI and content script injection to feel native on every host site, with no flicker or layout shift.

Aphelion: Interactive Solar System

aphelion.website

Next.js 14, TypeScript, Tailwind CSS, Framer Motion, NASA APIs

- Cinematic, scroll driven interactive solar system with animated planet exploration and live Mars imagery from NASA's public APIs.
- Designed as a visual first experience using Framer Motion for fluid transitions, with an integrated quiz layer to keep visitors engaged.
- Tuned rendering and API request handling to stay smooth across desktop and mobile.

Splidit: Offline Expense Splitter

splidit.co.uk

React 19, Vite, html2canvas

- Zero friction expense splitter built for the moment the card machine arrives, with equal or custom splits, no signup, and no network needed.
- Implemented the settlement algorithm that returns the minimum set of transfers needed to square a group up.
- Shareable result exports via html2canvas so the breakdown can be sent to the rest of the table in one tap.

SKILLS

- **Languages:** TypeScript, JavaScript, HTML, CSS, SQL, PHP, Python, Java
- **Frameworks & Libraries:** Next.js, React, Tailwind CSS, Framer Motion, Vite, Node.js, Fastify
- **Backend & Data:** Supabase, PostgreSQL, MySQL, Drizzle, Neon, SSR & session handling
- **Tools:** Git, Vercel, Figma, Web Audio API, Claude API, Manifest V3, XAMPP

EDUCATION

Queen Mary University of London: BSc (Hons) Computer Science Sep 2021 to Jul 2024
First Class Honours. Modules: Web Programming, Security Engineering, Neural Networks and Deep Learning, Multiplatform Games Development, Object Oriented Programming.

Harris Academy: A Levels Sep 2019 to Jul 2021
Mathematics (A*), Computer Science (B), Business (B).

EXPERIENCE

Box Office Assistant, PWR Events (Hyde Park Winter Wonderland) Nov 2023 to Jan 2024

- Front line ticketing and payment support at one of London's busiest seasonal attractions; resolved issues on the spot under heavy queue pressure.

Call Handler, NHS Test and Trace Programme Jul 2021 to Sep 2021

- Outbound contact tracing during the UK pandemic response; handled sensitive, ambiguous conversations with structured questioning and a calm delivery.