

Eight years building web applications, from the developer-support desk at AG Grid to leading front-end platform architecture across teams at Global Relay, where I am a senior software developer. In the evenings I built **ArabyBuddy** and launched it on the App Store and Google Play in 2026. Through **GadirLabs** I build and launch web and mobile apps for founders, from an idea or from an app they started with Lovable, Bolt, Cursor or Claude.

EXPERTISE

React · TypeScript · Next.js · React Native / Expo · Node.js · Supabase · Module federation · Claude and AI-assisted engineering

EXPERIENCE

Senior Software Developer · Global Relay, London JAN 2024 – PRESENT

Front-end platform architecture across teams: the shared foundations that product teams build on.

- 2026 Leading the platform’s 2.0: the module federation 2 upgrade, the host-interface migration, and a performance analysis that set the targets for the release.
- 2026 Scoped and spearheaded a new billing-data module, from problem statement to a plan teams could build against.
- 2026 CSS isolation for federated apps with shadow DOM, @scope and custom ESLint rules, so one team’s styles cannot break another’s; ran the federation spike for a sister platform.
- 2025 Built the CSRF-protection service in Node.js and the platform logging interface, with observability wired into the demo apps as part of a company-wide initiative.
- 2025 Started the platform’s shared UI-components repo; wrote the protected-routes and dirty-state proposals that became conventions; ran the CSS and dependency-upgrade workshops.
- 2024 Designed the accessible table API, the module federation interface and a routing adapter that lets React screens run inside the legacy host; presented the platform to other teams.
- 2025–26 Mentor a front-end graduate, and before that a mid-level engineer, through their first platform contributions.

Founder and engineer · ArabyBuddy 2026 – PRESENT

- Arabic-learning app on the App Store and Google Play: Expo, Supabase, realtime voice AI, subscriptions and AI-generated lesson content, which I designed, built and launched myself.
- Carried it through Apple review and Google’s closed-testing process, and built the internal dashboard that runs it; now operating it as an early-stage product.

Frontend Developer · Coremont, London JAN 2022 – OCT 2023

- Built React and TypeScript screens for a cloud portfolio-management platform used by global clients, where the tables are dense and the numbers have to be right.

Developer, support and developer relations · AG Grid, London NOV 2018 – DEC 2021

- Supported developers across React, Angular and Vue on the enterprise data grid: debugging, workarounds and feature requests, at the point where the product meets real codebases.
- Wrote the getting-started guides and tutorial videos, built a CLI that generated reproduction projects for support cases, and spoke for the product at conferences including React Amsterdam.

EDUCATION

BEng Mechanical Engineering, Queen Mary University of London 2014 – 2017