Marwan Kamal

Front-End Engineer

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Egypt · Nationality: Egyptian · **Open to relocation and remote**

Summary

Frontend engineer with 2+ years shipping production web, desktop and mobile apps in **Vue**, **React**, **React Native** and **TypeScript**. Sole front-end developer at Ledgers, where I built the design system, the web platform, the macOS desktop app and the React Native mobile app, and made UI/UX and product decisions with the founder. Comfortable owning features end to end, from design to release: component architecture, API integration, state management, performance and accessibility.

Work Experience

Software Engineer | Ledgers — Apr 2026 – Present

Ledgers — AI-powered operating system for startup founders | New York & Dubai

- Built the Ledgers **desktop app for macOS with Electron**, running the same Vue codebase as the web platform. Live at ledgershq.com/download.
- Built the Ledgers **mobile app in React Native** for iOS and Android, currently in App Store review.
- **Sole front-end developer** on the product: own delivery end to end across a multi-module B2B SaaS platform (CRM, real-time chat, invoicing, planning and dashboards) in Vue 3, TypeScript, Vite, Tailwind CSS and Pinia, working with the founder from scoping through release. Live in public beta at app.ledgershq.com.
- Shaped the product's **UI/UX and interaction design**: designed screens and flows, and made layout, navigation and product decisions together with the founder.
- Built the product's **design system from scratch**: reusable UI library, design tokens, dark-mode theming and shared styling primitives, adopted across every module of the application.
- Consolidated duplicated UI logic into a shared module layer, so a change that used to be repeated across several dashboards now ships in one place.
- Led the mobile redesign and extracted reusable mobile UI primitives adopted across Pulse, Ledger and Rooms. Built a custom glass-effect navigation bar with advanced SVG filters and a Safari-specific rendering workaround.
- Built the CRM, the largest module in the product: deal management, configurable dashboards and deal detail views, plus an optimistic-update pipeline store with native HTML5 drag-and-drop and automatic rollback on failed requests. Extended invoicing into a shared reusable workflow.
- Built the Tiptap rich-text editing layer for the real-time collaboration module (Rooms), with custom Markdown serialization and HTML message rendering, and improved its sidebar, search and mobile workflows.

Front-End Developer | teleoceans — Aug 2025 – Apr 2026

teleoceans — Custom software development & telemarketing agency

- Delivered production features across multiple client projects using Vue 3, Nuxt, Tailwind CSS and TypeScript, while contributing to reusable front-end architecture and shared UI components.
- **Key projects:**
  - **Locally eg** | locallyeg.com
    Built a production e-commerce storefront with product catalog, cart, checkout, discount engine, multiple payment methods and real-time order tracking. Optimized image delivery with responsive WebP/AVIF assets, CDN distribution and lazy loading to improve load times and Core Web Vitals. *Nuxt 3, Vue 3, Pinia, TypeScript, Tailwind CSS*
  - **Torbini & Dollar App** | App Store | Google Play
    Primary developer of a React Native retail app shipped to the App Store and Google Play. Built in-store QR product scanning, catalog search, shopping cart and order generation across six production screens with 14 reusable components. Owned the release pipeline end to end: Expo EAS Build & Submit, Android App Bundle, app signing, privacy policy, store submissions and the v1.0.1 post-launch release. Implemented offline-aware catalog and cart persistence with AsyncStorage and NetInfo, and wrote Vitest unit tests for cart deduplication, QR payload encoding, API mapping and input validation. *React Native 0.81, Expo 54, React 19, Expo Router, TypeScript, NativeWind*

- **Karawyah Corporate Site** | karawyah.com
  Sole developer of a bilingual EN/AR marketing site with full RTL support via Nuxt i18n, dynamic API-driven content and interactive 3D visuals in Three.js. Mirrored the full layout, typography and directional icons between LTR and RTL. Containerised with Docker for consistent deploys. *Nuxt 4, Vue 3, TypeScript, Three.js, Tailwind CSS, Docker*
- **Telemarketing CRM** | Code
  Built the front end of a multi-tenant CRM for a real-estate client in four weeks (16 views, 122 components), covering lead tracking, tenant onboarding, role-based permissions and ApexCharts metrics dashboards, with a component architecture reused across tenant configurations. *Vue 3, Vite 7, Vue Router, ApexCharts, Tailwind CSS*

UI / UX Designer | IdeaNest **Nov 2024 – Jan 2025**

- Designed mobile app screens and user flows in Figma, working directly with the development team to keep designs implementable.
- Simplified layouts and navigation to prioritise primary user actions.

Front-End Developer | Egyptian Armed Forces (military service) **Apr 2023 – Jun 2024**

- Built the front end of a toll-gate ticketing system deployed at highway toll plazas on the Suez Road, used by gate operators to issue tickets and process vehicle transactions.
- Delivered the full interface in vanilla JavaScript, HTML and CSS with no framework or build tooling, building the layout, forms and interaction logic from scratch.
- Fixed cross-browser rendering and layout issues across the browsers used at gate terminals, improving reliability for operators working at speed.

Education

B.Sc. in Software Engineering | Helwan University, Cairo **Sep 2018 – May 2022**

Grade: Very Good with Honors · GPA 3.1 / 4.0

Technologies

- **Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3
- **Vue:** Vue 3, Nuxt 3 & 4, Composition API, Pinia, Vue Router, Tiptap, Socket.IO, Three.js
- **React & Mobile:** React, Next.js, React Router, Zustand, React Native, Expo (SDK 54, EAS Build & Submit), Expo Router, React Navigation, Reanimated, NativeWind
- **Desktop:** Electron (macOS builds), Capacitor hybrid apps
- **Mobile delivery:** iOS & Android release builds, App Store & Google Play submission, keystore & signing, OTA updates (expo-updates), offline-aware state (AsyncStorage, NetInfo)
- **Styling & UI:** Tailwind CSS, shadcn/ui, Framer Motion, design systems, design tokens, responsive & mobile-first design, dark mode, Figma
- **Testing & tooling:** Vitest, Git (feature-branch workflow, GitHub, Bitbucket), Vite, npm, REST APIs, Axios, Postman, Docker, ClickUp
- **Practice:** Accessibility (ARIA), Core Web Vitals & performance, i18n (EN/AR RTL), cross-browser compatibility

Certifications

- Meta Front-End Developer Professional Certificate — HTML, CSS, JavaScript, React, responsive design, Git and UI/UX fundamentals.