

Ahmed Aymen Bayome

Software Developer

Cairo, Egypt

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Summary

Software developer experienced in building **production-grade web and mobile applications** using modern JavaScript frameworks and backends. Skilled in React, React Native, Remix, Next.js, Laravel, Vue.js, and Supabase. Delivers cross-platform products with **responsive design**, internationalization (RTL/LTR support), performance optimization, and scalable architectures. Continuously learns new technologies

Experience

[Wehda](#) - Cairo, Egypt (Hybrid)

Frontend Developer

2025 - present

- Built a responsive Remix-based interface enabling fast, seamless navigation by leveraging server-side route loaders with optimized parallel data fetching
- Built responsive user interfaces, ensuring a consistent experience across desktop, tablet, and mobile devices
- Enabled bilingual user experience (Arabic/English) with full RTL/LTR layout support using an internationalization system
- Improved SEO visibility and sharing previews by implementing structured metadata, Open Graph, Twitter Cards, robots.txt, sitemap.xml, and structured data

Mobile Developer

2024 - present

Property and community management application with **40+ screens**, currently deployed on the [App Store](#) and [Google Play](#)

- Reduced runtime errors and bugs by migrating a legacy JavaScript codebase to TypeScript
- Reduced app loading time by caching redundant large datasets using Realm, reducing backend service load and operational cost
- Reduced bundle overhead by building with bare React Native
- Improved UI smoothness by keeping most screens stateless and minimizing unnecessary re-renders
- Enabled bilingual user experience (Arabic/English) with full RTL/LTR layout support using an internationalization system
- Built payment collection, receipt generation, and financial tracking workflows for property management operations
- Increased interactivity by centralizing application state with Redux

Projects

Wehda – Property & Community Management App | [App Store](#) - [Google Play](#)

Tech: React Native, TypeScript, Redux, Realm, Firebase (Cloud Messaging)

Mobile app for residential property management, with 40+ screens and active users on iOS and Android. Key features include:

- **Payments and Finance** – enable electronic fee collection, instant digital receipts, expense tracking, and management of multiple cash “safes” or budgets.
- **Community Interaction** – create polls, send announcements, and push notifications to engage residents.
- **Maintenance Workflows** – assign and alert residents to tasks like maintenance or trash collection.
- **Service Providers** – store vendor information (electrician, plumber, security, etc.), record supplier invoices, and link bills for residents’ transparency.
- **Reporting Dashboard** – generate monthly financial reports and clear charts so residents can see all community expenses at a glance.

Personal Portfolio | [Link](#)

Tech: Next.js, Supabase, TypeScript

Self-developed full-stack portfolio site showcasing projects and professional profile. Features:

- **Project Showcase:** Interactive portfolio with project pages detailing descriptions, tech stacks, and links.
- **Content Management:** Uses Supabase (PostgreSQL + Auth) as a backend to store project data and images; enables easy editing without rebuilding.
- **Responsive & SEO-Optimized:** Static and server-rendered pages with Next.js for fast load times, mobile-friendly design, and meta tags/Open Graph for search and social sharing.
- **Contact & Resume:** Includes about, skills, and contact sections with working form, ensuring prospective employers can connect.

Automation Platform | [Link](#)

Tech: Laravel, Vue.js, TypeScript, Pinia

Internal workflow orchestration system to streamline business approvals and processes. Key capabilities:

- **Configurable Pipelines:** Create custom approval workflows (sequential, parallel, or hybrid) for any internal request.
- **Dynamic Forms:** Design request forms with conditional fields and validation rules.
- **Real-Time Updates:** Utilize WebSockets to push status changes instantly to users’ dashboards.
- **Access Control:** Role-based permissions in Laravel back-end to manage who can create, approve, or administer workflows.
- **Background Orchestration:** Implement queues and scheduled tasks for handling approvals, sending notifications (email/push), and retrying on failures.

Skills

- **Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3
 - **Frontend:** React, React Native, Remix, Next.js, Vue.js; UI libraries like Tailwind CSS; state management with Redux and Pinia; form handling (React Hook Form).
 - **Backend:** Laravel (PHP), Node.js, Databases: MySQL, PostgreSQL, Realm; Backend-as-a-Service: Supabase (Postgres + Auth).
 - **Tools & Other:** Xcode, Android Studio (mobile development); Git/GitHub; CI/CD (Vercel, GitHub Actions); Figma, Zeplin (design collaboration); third-party APIs (Firebase, payment gateways).
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Education

Bachelor's Degree in Information Technology - Higher Institute for Commercial Sciences, El-Mahalla (2021–2025)

Prepared and delivered a cybersecurity awareness presentation to 200+ students during a military college program.