

Mohamed Chams Eddine Lhouij

Frontend Developer · Full-Stack Engineer

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SUMMARY

Frontend-focused full-stack developer with 5 years of experience building performant single-page applications and shipping production web and mobile software end-to-end for clients across Morocco, Jordan, and Saudi Arabia. Strong opinions on CSS architecture, UX details, motion, accessibility, and performance budgets. Comfortable owning a product from architecture to pixel — most recently as the sole developer on a verified-rental platform built in TypeScript strict mode. Fully remote, autonomous, and self-driven; values clean, maintainable, well-tested code over feature volume.

TECHNICAL SKILLS

Languages: TypeScript (strict), JavaScript (ES2015+), HTML5, CSS3, SQL, Ruby

Frontend: React, Next.js, SPA architecture, React Hooks, React Server Components, responsive design, accessibility (WCAG), motion / micro-interactions

Mobile: React Native, Expo, NativeWind, Zustand — cross-platform iOS/Android delivery

CSS / Styling: Tailwind CSS, CSS Modules, design tokens, component-driven CSS architecture, theming systems, custom responsive layouts

Data Visualization: Recharts, Chart.js, Highcharts, SVG (hand-authored), interactive maps (Mapbox / Leaflet)

Testing: Jest, Vitest, React Testing Library, Playwright, Cypress (unit + integration + E2E)

Backend: Node.js, Express, REST APIs, PostgreSQL, Supabase, BullMQ / Redis queues, Ruby on Rails (exposure)

Tooling & Workflow: Vite, Webpack, Git, GitHub Actions, Railway, Vercel, Docker (basic), Figma → code

Languages (spoken): French (fluent), English (professional), Arabic (native)

EXPERIENCE

Lead / Sole Developer — Kaari (Verified Rental Platform, client engagement)

2025

Solo build · React / Next.js / TypeScript

Morocco (remote)

- **Shipped a complete consumer SPA solo** from architecture to production deploy: verified listings, verified tenants, and an authorise-and-capture move-in escrow flow (HAANI protection).
- **Built the design system from scratch** — design tokens (color, spacing, typography, radius, shadow scales), a component library with variants, and a maintainable CSS architecture combining Tailwind utilities with token-driven custom styles.
- **Implemented complex frontend UX:** multi-step verification and onboarding flows, interactive map-based listing discovery, owner/tenant dashboards with charts, and form flows with optimistic UI and granular validation.
- **Wrote tests across the stack** using Jest / Vitest for units and Playwright / Cypress for critical integration paths (auth, escrow capture, listing publication).

- **Stack:** Next.js, React, TypeScript (strict), Tailwind CSS, Express (TS strict), Supabase / PostgreSQL, BullMQ + Redis (Upstash), Payzone, Resend, Expo Push, Railway.
- **Authored** architecture documents (v2 / v3), ER diagrams, SRS, and engineering plans — owning the full technical narrative end-to-end for the client.

Senior Freelance Developer — Independent

2021 – Present

Custom web and mobile applications for clients across Morocco, Jordan, and Saudi Arabia Agadir, Morocco

- **Multi-tenant Car Rental Platform (Jordan, in development):** building a three-sided platform — customers, rental agencies, and a super-admin layer — for a multi-agency operator. Next.js, React, TypeScript strict, Tailwind. Frontend ownership of booking flows, agency dashboards, and fleet/inventory UIs.
- **Internal Mobile Portal — Odoo cost-reduction app (Saudi Arabia, in production):** shipped a React Native / Expo app that lets non-manager employees submit requests without occupying paid Odoo seats; only managers remain as full Odoo users. Cuts recurring SaaS licensing cost by removing ~\$25/user/month for the majority of headcount. Built with Expo, NativeWind, and Zustand for state management.
- **Property Management System (hospitality, Morocco, 2025–present):** designing and building a bespoke PMS for a Moroccan hospitality client to replace an off-the-shelf product. Next.js + Express + PostgreSQL. Frontend ownership: layout system, reservation calendar UI, role-aware dashboards, and a print-quality reporting layer.
- **SAN — Digital Archiving Platform (Ministry of Energy, Morocco):** delivered a digitization and GED (electronic document management) system with OCR, PDF/A workflows, and a French-language client-facing UI. Strict adherence to Moroccan public-procurement (marche public) document conventions.
- **Client-facing documentation:** authored polished technical PDFs (architecture specs, UAT recettes, PVs de reception) in French — work where layout precision and visual quality are explicitly evaluated by clients.
- **Two-person delivery model:** work alongside a project manager; I own all engineering and frontend craft decisions, including stack, design system, and quality bar.

EDUCATION

Computer Engineering (incomplete, final year)

2017 – 2020

TED University, Ankara — Turkey

Returned to Morocco in my fourth year to support my family through a financial hardship; transitioned directly into freelance senior development work, which I have grown continuously since.

ADDITIONAL

- **Fully remote ready** — 5 years of self-directed remote freelance work, asynchronous communication, and Kanban-style delivery.
- **On Ember.js** — not in my current stack, but I am genuinely interested in learning it and ramping up quickly; my SPA architecture experience (React, routing, state, data flow) transfers directly.
- **On Rails** — working familiarity with Ruby on Rails (MVC, ActiveRecord, conventions); comfortable touching backend code when needed.
- **Craft** — I treat layout precision, typography, motion, and performance as part of the product, not polish applied after.