

HASSAN CHABAB

Senior Mobile & Frontend Developer | React Native | React | AI-Powered Development

Casablanca, Morocco | +212 6 20 42 99 57 | chababhassan@gmail.com | hchabab.netlify.app

PROFESSIONAL SUMMARY

Senior Mobile & Frontend Developer with 6+ years of experience building and shipping production applications across F&B, energy, fintech, and enterprise environments. Specialized in React Native, React.js, TypeScript, and cross-platform application architecture, with experience taking products from architecture and implementation through release and production operations.

Architected and built FlexiDesigner, a schema-driven low-code / Server-Driven UI platform at AKWA Group, enabling a shared architecture across React.js and React Native and powering 5 production applications. Most recently, led the full mobile lifecycle for Bun Coffee, owning architecture, development, releases, analytics, reliability, and continuous product improvement.

Strong background in mobile architecture, design systems, payments, offline-first applications, POS hardware, CI/CD, observability, and production troubleshooting, with a track record of taking products from concept to production and owning technical delivery end-to-end.

CORE SKILLS

Mobile: React Native, Expo, iOS, Android, Offline-first (SQLite), NFC/RFID, Nexgo POS SDK

Web & Frontend: React.js, Next.js, TypeScript, Redux Toolkit, Zustand, Zod, PWA, WebSocket

Architecture: Server-Driven UI, Schema-driven rendering, OOP, SOLID, Design Patterns, Docker

APIs & Backend: REST, Apollo GraphQL, WebSocket, NestJS, Node.js, Odoo API

Payments & Hardware: CMI Payment (3DS), Kenz'up, Nexgo POS terminals

DevOps & CI/CD: Git/GitFlow, GitHub Actions, App Center, Azure, Firebase, Revopush OTA

Testing & Quality: Jest, Detox, Maestro, Cypress

Observability & Growth: Sentry, Mixpanel, OneSignal, Firebase Analytics, Play Integrity API

UI & Design: Storybook, Figma, Tailwind CSS

Languages: French (Professional), English (Professional), Arabic (Native)

PROFESSIONAL EXPERIENCE

Lead Mobile Developer — Bun Coffee — Rocket Roast

Feb 2026 – Sep 2026

Freelance · Casablanca-Settat, Morocco (Hybrid)

- Own the mobile application lifecycle end-to-end, including architecture, technical decisions, development, releases, production support, and continuous improvement.
- Built the React Native application from the ground up, delivering the core ordering and checkout experience, QR-code pickup, loyalty, and referral functionality.
- Helped grow the application to a Top-6 F&B ranking on Google Play Morocco.
- Implemented device fingerprinting and Google Play Integrity API checks to detect and mitigate loyalty and referral abuse.
- Integrated Mixpanel, Sentry, OneSignal, Firebase Analytics, and Revopush OTA to improve product analytics, observability, notification delivery, and release velocity.
- Resolved complex production and release issues across iOS and Android, including App Store review rejection, camera permission requirements, Android NDK/CMake issues, New Architecture configuration, and Windows build tooling.

- Investigated and resolved production crashes and device-specific interaction issues while maintaining release stability across supported devices.

Stack: *React Native, TypeScript, OneSignal, Sentry, Mixpanel, Revopush*

Senior Mobile & Frontend Developer — AKWA Group DSI

Jan 2025 – Apr 2026

Full-time · Casablanca-Settat, Morocco (On-site)

- Led mobile development across AKWA Group's internal and customer-facing applications using React Native, React.js, TypeScript, and shared platform architecture.
- Designed and built FlexiDesigner, a schema-driven low-code / Server-Driven UI platform, defining a custom JSON schema-tree specification and TypeScript rendering engine.
- Built a platform-agnostic architecture capable of driving both React Native and React.js from a shared UI schema and core logic.
- Scaled FlexiDesigner into a shared rendering layer powering 5 production applications, including My Afriquia, iGaz, iLub, SAV SMDC, and AfriPOS.
- Built My Afriquia, a customer-facing fuel-station application with station discovery, digital cards, wallet, balance top-up, and CMI payment integration including 3DS authentication and card tokenization.
- Developed AfriPOS for Nexgo Android payment terminals, integrating pump authorization, fuel dispensing, receipt printing, and shift management.
- Designed an offline-first architecture using SQLite for iGaz, a delivery application operating in low-connectivity environments.
- Integrated Odoo APIs, payment services, and enterprise backend systems across the application ecosystem.
- Established and maintained mobile CI/CD processes and contributed to code reviews and production releases across Android and iOS.

Stack: *TypeScript, React Native, React.js, Next.js, GrapesJS, Server-Driven UI, Odoo API*

Senior Frontend Developer — SG2i Consulting

Jan 2021 – Jan 2025

Full-time · Casablanca, Morocco (On-site)

- Led mobile and frontend development across production applications including **Hany, Click by BNM, and Allo Gaz**.
- Built mobile applications with React Native and Expo and web applications with React.js, Next.js, and TypeScript.
- Designed scalable component architectures and implemented token-based design systems from Figma specifications.
- Built Hany's React Native application and React.js/Next.js web platform, including service discovery, booking, account management, address management, and real-time service-request tracking.
- Integrated **Google Places API** for location-based address management and implemented CMI and Kenz'up payment flows.
- Led design-system implementation for Click by BNM, improving component consistency and responsiveness across device sizes.
- Implemented real-time driver tracking and on-demand booking functionality for Allo Gaz using Firebase.
- Managed CI/CD and production releases across client applications for Apple App Store and Google Play.
- Contributed to technical decisions, code reviews, architecture, and delivery across multiple client projects.

Stack: *React Native, React.js, Next.js, Redux Toolkit, TypeScript, Apollo GraphQL, Storybook, Jest*

Frontend Developer (Contract) — YOUZCARD Technology

Jan 2020 – Dec 2020

Part-time · Casablanca, Morocco (On-site)

- Built a web-based back-office platform for managing and monitoring payment terminals.
- Migrated a legacy WINDEV kiosk application to a Progressive Web App, improving cross-device compatibility and reducing bandwidth consumption.
- Developed frontend functionality using React, PWA technologies, Node.js, and Chrome Kiosk capabilities.

Stack: *React Native, React, JavaScript, Redux, Node.js, WebSocket, PWA, Jest*

Mobile Developer (Contract) — WafR

Jul 2019 – Sep 2019

Casablanca, Morocco (On-site)

- Improved application performance by **reducing load times by 60%** through profiling, component optimization, and systematic refactoring.
- Migrated application state management to Redux.
- Established automated testing using Jest and Detox.

Stack: React Native, JavaScript, Redux, Jest, Detox

EDUCATION & CERTIFICATIONS

Faculty of Sciences Ben M'Sik — B.Sc. Coursework (2015), DEUG (2013)

Hassan II High School — Baccalaureate, Sciences (2010)

Scrum Foundation Professional (SFPC), CertiProf (2020)