

Mohammed Alaa ALRabrabh

Software Developer — Next.js / React / React Native / Hono

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SUMMARY

Saudi software engineer specializing in front-end and cross-platform development with React and React Native, with growing full-stack range across serverless back ends (Convex, Cloudflare Workers, Hono), real-time systems, and cloud infrastructure.

Ships products end to end — UI, data layer, and deployment — across web, mobile, and CLI tooling, with GitHub Actions CI/CD wired into most projects. React and TypeScript day to day.

EXPERIENCE

Freelance Software Developer December 2023 to present

- Develop modern web and mobile applications using React, Next.js, and React Native
- Design scalable architectures and reusable components; integrate front ends with cloud and back-end services

SELECTED PROJECTS

stdout-design (2026) github.com/m7mdlalaa/stdout-design

Local-first studio that renders plain React (TSX) components into finished social and marketing images through a native Rust rendering engine, with no custom DSL. Supports batch and data-driven rendering, a live studio with hot-reload and an auto-generated prop panel, platform presets, and i18n/RTL support with missing-glyph detection, backed by a build-in cache for fast re-renders. CI/CD via GitHub Actions.

Loz App (2026) lozapp.space

Recipe-iteration app that turns culinary experimentation into structured data through a polished, low-friction UX, built on Convex for an instant real-time backend. Includes a debounced auto-save draft manager for a multi-step wizard form and a bilingual, rule-based NLP parser for ingredients and cooking mistakes.

contrast-check (2026) github.com/m7mdlalaa/contrast-check

CLI that audits WCAG color-contrast accessibility on live websites using real browser rendering via Playwright, flagging AA/AAA violations with fix suggestions and screenshots. Supports HTML/JSON/compact reports, crawl mode, dark mode, authenticated sessions, and watch mode, with a GitHub Actions CI/CD pipeline; published on npm as contrastcheck.

Ortho (2026) github.com/m7mdlalaa/ortho

Full-stack application built with TanStack Start for SSR and routing, and a type-safe tRPC API layer connecting React to backend services. Convex handles real-time data sync, Better Auth handles sessions and JWKS, and the app deploys to Vercel on the Bun runtime via GitHub Actions CI/CD.

PlayGrid — Multiplayer Games Platform (Oct 2025 to Jan 2026) playgrid.mohdalaa.com

Deterministic multiplayer engine supporting both client-authoritative and server-authoritative modes, with adapters that decouple game logic from transport. Real-time sessions run on Cloudflare Durable Objects and WebSockets with optimistic reconciliation, inside a Turborepo monorepo with shared core packages and GitHub Actions CI/CD.

CCSIT Student Council Mobile App (IAU) (Sep 2024 to Dec 2024) [Play Store](https://play.google.com/store/apps/details?id=com.ccsit.iau)

Cross-platform mobile app built with React Native and Expo, with Firebase authentication and a real-time database, plus a Gemini API chatbot for Q&A and campus navigation.

TECHNOLOGIES

Languages	JavaScript, TypeScript, HTML, CSS
Frontend	React, Next.js, React Native, Tailwind CSS
Backend & data	Convex, Drizzle, tRPC, oRPC, Nest.js, Better Auth
Transport & integration	WebSockets, SSE
Cloud & infra	Cloudflare Workers, Durable Objects, R2, D1, Queues, Railway, Turborepo, pnpm
Testing & CI/CD	Playwright, Vitest, GitHub Actions

LANGUAGES

Arabic	Native or bilingual
English	Professional working proficiency — IELTS 6.5 overall (Speaking 7.5)