

KARIM KHABOURI

Senior Full Stack Engineer — TypeScript · Node.js ·
React · React Native

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SUMMARY

Full stack engineer with 5+ years shipping production fintech at FinaMaze — across the whole stack: rebuilt a robo-advisor's React web app solo, then grew into owning and leading its NestJS backend. A key milestone was an on-site integration mission inside a large Saudi bank's closed environment in Jeddah, validating the platform's SOAP core-banking integrations end-to-end through SIT/UAT toward production. Comfortable owning features from database to UI: backend services and APIs, React/Next.js frontends, React Native mobile apps, banking integrations, releases and production support.

TECHNICAL SKILLS

BACKEND

TypeScript, Node.js, NestJS, REST & BFF APIs, auth, microservices, API gateway

FRONTEND

React, Next.js, Redux, React Query, Ant Design, admin portals, dashboards

MOBILE

React Native, Expo, native modules, releases (iOS & Android)

DATA & MESSAGING

PostgreSQL, Oracle, MongoDB, MySQL, Redis, RabbitMQ, workers

DEVOPS & TOOLS

Docker, GCP, CI/CD, Sentry, SigNoz, Swagger/OpenAPI, NX/pnpm

FINTECH & AI

Onboarding, KYC, transfers, portfolios, banking integrations · Claude Code, AI-assisted dev

EXPERIENCE

FinaMaze Technologies — Backend Engineer / Tech Lead

2021 – Present

Casablanca, Morocco · White-label banking, investment & wealth-management platforms

- Rebuilt the B2C robo-advisor web app solo — fresh React architecture with Ant Design, Redux and React Query — then moved to the backend and grew into owning and leading it (platform named Best AI Robo Investment Provider of the Middle East 2023).
- Lead backend development in TypeScript, Node.js and NestJS: REST & BFF APIs powering mobile apps, web portals, advisor and admin platforms.
- Delivered core banking flows — digital onboarding, KYC, transfers, portfolios, documents, reporting — and integrated identity/KYC, core-banking, document, notification and financial-data providers.
- Contributed to digital-banking projects for one of the largest banks in the region; drive releases through SIT, UAT and production with fixes for business-critical systems.
- Coordinate backend, frontend and mobile teams; review PRs and translate business requirements into technical tasks.

On-site Banking Integration — Jeddah, Saudi Arabia

FinaMaze delivery

- Tested and validated the platform's integrations with the bank's SOAP core-banking services inside its closed environment — verifying end-to-end flows, resolving integration issues on the spot, and working with DevOps, QA and business teams through SIT/UAT toward production readiness.

Freelance Software Developer

2018 – 2020

Morocco / Remote

- Built native Android apps (Java) with Node.js & MySQL backends; real-time chat with Socket.IO; Firebase auth & push notifications — delivered end-to-end with clients.

SELECTED PROJECTS — FULL DETAILS AT KARIMKHABOURI.DEV

Maroc Memes — TikTok-style short-video app (solo product)

Live · Production

- Complete social video app built solo: React Native/Expo capture & in-app editor, NestJS + MinIO + ffmpeg pipeline with presigned direct-to-storage uploads, session-ranked feed — cut a leaking post flow from 320 MB + crash to ~14 MB steady.

EDUCATION & LANGUAGES

1337 Coding School (42 Network) — Software Engineering / Computer Science, Morocco. Project-based, peer-to-peer: algorithms, systems programming (C), backend & web development.

Arabic — native · English — professional working proficiency · French — basic working proficiency