

SHEHAB MOHSEN

SENIOR FULL-STACK ENGINEER · FRONTEND-FOCUSED

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01/ SUMMARY

Senior full-stack engineer with a frontend focus and 6+ years across fintech, e-commerce, and healthcare: **React**, **Next.js**, **TypeScript**, and **Vue/Nuxt** on the front, **Node.js**, **NestJS**, **Prisma**, and **PostgreSQL** behind it. **Leads a team of 7+ engineers** and owns architecture, from data-heavy dashboards to realtime systems.

02/ EXPERIENCE

Senior Frontend Engineer / Frontend Lead

MAR 2024 - PRESENT **CURRENT**

BitBang · Remote

SparkFlow

INITIATED · FULL-STACK

React 19 · TypeScript · TanStack Query · NestJS · Fastify · Prisma · PostgreSQL · Redis · Socket.IO · BullMQ

- BitBang's internal task and project-management tool: I initiated it from team bench time, gathered the features, wrote the requirements, and designed the database (ERDs), security, and UI/UX. It **replaced BitBang's Jira subscription** and runs every team project with minimal issues.
- Built with AI-assisted development (Claude Code, Codex, Claude Design): workspaces, boards, backlog, sprints, and issues; a rich-text editor with mentions; realtime updates over Socket.IO and Redis; BullMQ workers for notifications.
- Production hardening: Microsoft Entra SSO plus email/password auth, tenant and project isolation in queries and database constraints, indexed paginated reads, and virtualized boards.

- Led frontend architecture across BitBang's products, worked with backend teams on API contracts, and mentored a team of 7+ engineers, with an onboarding redesign that cut ramp-up to 2 weeks.
- Owned the **GoPay** frontend, a SADAD-integrated B2B billing platform: refactored its legacy, hard-to-scale codebase into a feature-based architecture, set the standards the team builds on, and revamped the Biller dashboard.
- Led the **Amplifidor** frontend and two engineers — architecture, task split, and pixel-perfect reviews — and built its profiles, audience insights, wallet, and Arabic RTL; the team out-delivered the mobile and backend teams.
- Rebuilt the **Shamel360** warehouse portal from scratch, leading three developers: a feature-based architecture in a monorepo with a shared UI package, virtualized tables, collapsible column groups, and a Jira-style board.
- Built a shadcn-inspired shared UI library with a CLI used across BitBang projects, and delivered touch-first tablet interfaces for the Kun admin portal with Persona and Moyasar integrations, supporting the Tasheelat and Face Children initiatives.

Senior Frontend Developer

MAR 2023 - MAR 2024

Walaplus · Remote

- Sole frontend developer: modernized every product's frontend onto a current stack — including rebuilding the legacy Blade PHP client portal as a modern SPA — and worked on almost all of the company's products.
- Built retailer- and partner-facing portals (offers, vouchers, WalaOne operations) and translated Figma design-system foundations into reusable React and Vue components.

- Dockerized frontend projects, defined the frontend stack for new products, and supported hiring through technical interviews.

Frontend Developer

JUN 2020 – MAR 2023

Fatura LLC · Cairo

- Built a React credit-service portal for client self-service and an internal Audit Portal in React and TypeScript.
- Diagnosed and fixed a major performance issue in the Operations Portal's transaction filters, cutting wait times by ~80% for a portal serving thousands of clients.
- Implemented a Vue Collector Portal for payment-collection workflows and extended the Vue-based Operations Portal.
- Contributed backend endpoints, database migrations, and cross-stack workflow support in Node.js and Express.js.

Frontend Developer (Part-time)

FEB 2022 – NOV 2022

Scandiweb · Remote

- Owned most of the frontend and CMS styling for Magento e-commerce clients — the Møller Auto marketplace (VW & Audi) and the Printerbase storefront.

Frontend Developer

FEB 2020 – JUN 2020

Andalusia Group · Cairo

- Built the Andalusia Care website in Nuxt and Bootstrap, improving patient access to healthcare services and information.

Flutter Developer

SEP 2019 – JAN 2020

Creator X · Cairo

- Launched a Flutter reservation app that surpassed 1,000 downloads and lifted reservations within its first month.

03/ CORE SKILLS

CORE STACK

React.js, Next.js, TypeScript, JavaScript, Vue.js, Nuxt.js

DATA

PostgreSQL, Prisma, MongoDB, SQL, Redis

UI & STYLING

Tailwind CSS, SCSS, Framer Motion, shadcn/ui, Storybook, design systems

TOOLING

Vite, Webpack, Docker, GitHub, Bitbucket, Jira

BACKEND

Node.js, NestJS, Express.js, Fastify, REST, GraphQL, Socket.IO, BullMQ

STATE

TanStack Query, Redux, Zustand, Pinia, Apollo Client

TESTING

Jest, Vitest, React Testing Library, Playwright

AI-ASSISTED DEV

Claude, Codex, OpenCode, Cursor, GitHub Copilot, ChatGPT, Windsurf

04/ EDUCATION

Information Technology Institute (ITI)2019

Diploma in Systems Development · Egypt

Pyramids Higher Institute2018

B.S. in Communication & Electronics Engineering · Egypt