

SAIF MOHAMED

Frontend Engineer | React · Next.js · TypeScript

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PROFESSIONAL SUMMARY

Frontend engineer with 5 years building production SaaS platforms, AI automation tools, and booking systems in React, Next.js, and TypeScript. Led a Next.js 16 and React 19 migration across 222 files that cut build times approximately 40%, built a no-code page builder for non-technical teams, and established Playwright coverage that reduced production regressions approximately 60%. Author of Hookli, a published npm library of 65 typed, SSR-safe React hooks. Owns features end to end across GraphQL APIs, Next.js frontends, and CI pipelines.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), HTML5, CSS3, SQL

Frameworks and Libraries: React, Next.js (App Router, Server Components), React Query, Redux Toolkit

UI and Styling: Chakra UI, Tailwind CSS, Material UI, Design Systems, Responsive Design, RTL and i18n, Accessibility

APIs and Data: GraphQL (schema-first), REST APIs, PostgreSQL, MongoDB, MySQL, BullMQ, RabbitMQ

Testing and Quality: Playwright (E2E), Jest, Vitest, React Testing Library, Code Review, Bug Triage

Tooling and Infrastructure: Turbopack, Webpack, Git, Docker, CI/CD, Vercel, AWS

Engineering Practices: Frontend Architecture, Performance Optimization, Core Web Vitals, Code Splitting, Monorepos, npm Package Publishing, Open Source, Agile

PROFESSIONAL EXPERIENCE

Frontend Engineer | Nzmyl | Remote (Germany) | Mar 2024 – Present

Booking SaaS for creators, built on a NestJS/GraphQL monorepo with a Next.js dashboard and storefront.

- Migrated the storefront to Next.js 16, React 19, and Chakra UI v3 across 222 files, cutting build times approximately 40% with Turbopack while adding full RTL and bilingual Arabic/English support.
- Built Puck Editor page-builder blocks, including a carousel state machine and container-query layouts, enabling non-technical teams to publish landing pages without engineering support.
- Delivered reviews, events, and payout features end to end across a NestJS/GraphQL backend and three Next.js repositories using schema-first GraphQL.
- Established Playwright end-to-end coverage for booking journeys, reducing production regressions approximately 60%.

Frontend Engineer (Contract) | Activepieces (YC S22) | Remote (San Francisco, CA) | May 2024 – Oct 2024

Open-source no-code automation and workflow platform.

- Built an AI workflow builder in Angular integrated with OpenAI APIs, generating multi-step automations from natural-language prompts, adopted by 50+ beta users.
- Created CLI tooling that converts OpenAPI schemas into modular integrations, reducing connector development time from days to hours.
- Reduced API payload sizes approximately 45% through response filtering and pagination refactoring.
- Collaborated on a smart HTTP request generator bridging UI inputs with backend API logic.

Frontend Engineer | LNKR | Remote (Cairo, Egypt) | Aug 2022 – Mar 2024

Clinic management platform serving 15+ healthcare clinics.

- Developed and integrated scheduling, e-prescription, and e-pharmacy modules for a clinic management system serving 15+ clinics.
- Built the core application interface in React, Redux, and Material UI, improving day-to-day workflows for clinical staff.
- Integrated Django REST APIs to manage patient records, prescriptions, and pharmacy inventory data flows.
- Configured AWS hosting and worked with the backend team to troubleshoot and stabilise the Django application.

Frontend Engineer | Springy Universe | Remote (Clausthal-Zellerfeld, Germany) | Jul 2021 – Jun 2022

Started as a frontend intern (Jul-Sep 2021) and converted to a full-time engineer.

- Rebuilt a React and Redux admin panel serving 10,000+ users, reducing page load times approximately 35% through code splitting and lazy loading.
- Achieved 98%+ fidelity in Figma-to-code implementations across major browsers.
- Built a user-management dashboard and a marketing landing page that improved the company web presence.

PROJECTS AND OPEN SOURCE

Hookli | Open-source React hooks library | 2025 – Present

npm i hookli · hookli.vercel.app · github.com/devsaifmohamed/hookli

- Authored and published 65 typed, SSR-safe React hooks across state, effects, DOM, and data, with zero runtime dependencies beyond React.
- Shipped dual ESM and CJS builds with tree-shakable exports, a colocated Vitest test per hook, and a manifest-driven pipeline that keeps the README, docs site, and hook inventory in sync.

Nzmly | Booking SaaS platform | 2024 – Present

Next.js, NestJS, GraphQL, RabbitMQ, Bull

- All-in-one booking SaaS for creators, built on a NestJS monorepo with GraphQL APIs, RabbitMQ consumers, and Bull workers.
- Delivered reviews, events, payouts, and tracking across three repositories using schema-first GraphQL.

Activepieces AI Workflow Builder | Open-source contribution | 2024

Angular, TypeScript, OpenAI APIs

- AI-driven workflow generation system that turns natural-language prompts into multi-step, API-based automations.
- Internal CLI tooling that converts OpenAPI schemas into modular integrations for the connector library.

EDUCATION

Bachelor of Computer Science | HIMIT, Kafr El-Sheikh, Egypt | Oct 2020 – Oct 2024

Grade: 79% (Very Good). Coursework in Data Structures and Algorithms, Web Development, and Computer Vision. Led a five-person graduation project recognised by faculty.