



Mohammed Alkabsh | Software Engineer

Typescript, Angular, React, Node, Express, MongoDB, Postgres

Email: alkabsh.m@yahoo.com | Portfolio: findmohammed.com | Phone: 815-708-9074 | Location: Chicago, IL

Full stack engineer with 7+ years building production web applications end to end, from React and Angular frontends to Node, PostgreSQL, and AWS backends. Recent work centers on platform and AI infrastructure: a remote MCP server with OAuth 2.1, public REST APIs, and deep integrations with Shopify, DocuSign, and Stripe. Also the solo founder of Fitspot.ai, a subscription fitness product taken from zero to paying subscribers across multiple countries. Strong design sensibility with a track record of translating high-fidelity Figma designs into pixel-perfect, performant interfaces.

Skills:

Languages: TypeScript, JavaScript, Python, HTML, CSS/SCSS.

Frontend: React, Next.js (App Router), Angular, Redux, Zustand, React Query, React Hook Form, Zod, Tailwind CSS, D3.

Backend: Node.js, NestJS, Express, PostgreSQL, MongoDB, REST APIs, WebSockets, OAuth 2.1, MCP, Passport/JWT.

Infrastructure: AWS (ECS, Lambda, S3), Docker, CI/CD, Firebase.

Integrations: Shopify, DocuSign, Stripe, BigCommerce, Liferay.

Tools: Git, Jira, Figma, Jest, ESLint, Claude Code, Cursor

Work History:

Full Stack Engineer at The Desire Company: Feb 2026 - Present

- Built a remote MCP server exposing portal functionality as tools, so portal workflows can be run from any MCP-compatible LLM client. Designed the OAuth 2.1 architecture behind it: a dedicated authorization server, an MCP resource server, and token exchange against the existing portal API.
- Built a Shopify app featuring expert AI chat and automated PDP audits, with a portal integration for ordering product videos that get delivered back to Shopify automatically.
- Integrated DocuSign into the client portal so users can execute MSAs and SOWs in-app, with documents and signature status synced into PostgreSQL for storage, retrieval, and lifecycle management.
- Designed and shipped public REST APIs so brands can integrate their own systems directly with the platform.
- Redesigned and rebuilt the portal's primary side navigation, restructuring the information architecture used across every page of the product.
- Build and ship features end to end across a React frontend and a Node/PostgreSQL backend running on AWS ECS.

Founder & Software Engineer at fitspot.ai: Mar 2024 -- Present

- Founded, built, and launched a subscription fitness application solo, taking it from concept to paying subscribers across multiple countries.
- Built the frontend in React, Next.js (App Router), TypeScript, React Query, Zod, React Hook Form, and Tailwind CSS, optimizing for performance and mobile experience.
- Developed a modular backend with Node.js, NestJS, Express, and MongoDB, including secure authentication flows using Passport.js and JWT.
- Integrated Stripe for subscription billing, with custom checkout flows, free trial management, and webhook handling for automated renewals and failures.
- Established CI/CD pipelines and managed AWS infrastructure, cutting deployment time by 60% and sustaining 99.9% uptime.
- Own all production operations, including error handling, logging, monitoring, and incident response.

Software Engineer at Google through Outer Labs: Dec 2022 -- Mar 2024

- Led frontend development for an enterprise real estate portfolio management platform delivered for Google on Google Cloud Platform, working within a cross-functional team of 8+ engineers.

- Built scalable UI components and interactive data visualization tools using Angular, TypeScript, RxJS, and SCSS for clients managing large, complex property portfolios.
- Drove features end to end from requirements gathering through launch, presenting progress to senior leadership and stakeholders.
- Maintained 95%+ code coverage through unit testing with Jasmine and Karma.
- Ran code reviews and mentored teammates on Angular best practices and clean architecture.

Associate Software Engineer at Egen: Dec 2021 -- Nov 2022

- Built data-driven UI components using React, Angular, Redux, React Hook Form, D3.js, MaterialUI, and PrimeNG.
- Built and consumed REST APIs with Node.js, Express, and NestJS.
- Scaffolded React and Angular applications with TypeScript, wiring up Husky, Prettier, ESLint, and StyleLint to enforce code quality standards across teams.
- Authored unit tests with Jest and Karma, reaching 85%+ coverage on critical paths, and reviewed code for junior and mid-level developers.

UI/UX Developer at Ampersand through Robert Half: Jun 2021 -- Dec 2021

- Translated high-fidelity Figma designs into pixel-perfect, responsive internal applications using React, Angular, TypeScript, Redux, and React Router.
- Refactored legacy components to eliminate UI inconsistencies and improve maintainability, and documented component APIs to support onboarding.

UX/UI Consultant at Dunn Solutions Group Inc: Jul 2019 -- Jun 2021

- Built enterprise Liferay platforms for Fortune 500 clients, including Brinks Security's global web presence.
- Developed custom BigCommerce and Liferay themes for B2B and B2C clients using React, Angular, TypeScript, and SCSS, plus reusable components with Stencil.
- Integrated custom and third-party APIs via Node.js and Express to extend platform capabilities, ensuring cross-browser compatibility down to IE11.