

Abdullah Alshaye

Staff Software Engineer

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SUMMARY

Staff Software Engineer with 9+ years shipping production web and mobile applications. Full-stack TypeScript engineer focused on React / Next.js, Node, PostgreSQL, Docker / Kubernetes, and AI engineering: orchestration, agentic workflows, MCP servers, and LLM integrations. Spent five-plus years at SITE leading front-end development across multiple products, setting standards, mentoring teams, and establishing the company's internal design system. Now working full-stack on a multi-tenant safety SaaS platform. Also shipped AuRatio – a coffee ratio calculator on the App Store – as a personal project.

EXPERIENCE

Staff Software Engineer

Oct 2024 - Present

CNTXT · Riyadh, Saudi Arabia

- Building a multi-tenant SaaS platform for industrial safety operations – Job Safety Analysis (JSA), Digital Work Permits (DWP), isolation plans, and related field workflows.
- Working full-stack across the product: TypeScript end-to-end, React / Next.js on the front end, Node services and PostgreSQL (via Prisma) on the back end.
- Designing the customizable workflow engine that lets each tenant configure approval chains, form schemas, and routing rules without code changes – supporting widely different operational policies across customer sites.
- Designing tenant-aware data models and API contracts that keep customer data isolated while sharing the underlying platform.
- Partnering with product, design, and other engineers to shape requirements and resolve technical tradeoffs in a regulated, safety-critical domain.

SKILLS

AI engineering

AI orchestration · Agentic workflows · MCP servers · Multi-agent systems · LLM integration · Prompt and context engineering · AI-assisted development

Programming

TypeScript · JavaScript

Frontend

React · Next.js · Astro · Angular · React Native · Flutter

Backend

Node.js

Databases

PostgreSQL · Prisma

Infra

Docker · Kubernetes

Tooling

Vitest · Biome · Vite · GitHub Actions

Leadership

Technical leadership · Mentorship · Code review · Design systems · Hiring / interviewing · Stakeholder alignment

EDUCATION

King Saud University

Bachelor's Degree, Information Systems

2012–2016

CERTIFICATIONS

- Front-End Web Developer

SITE

Riyadh, Saudi Arabia · 5 yrs 8 mos · 4 promotions

Senior Technical Lead

Jan 2023 - Oct 2024

- Led front-end development and architecture across multiple products – set technical standards and best practices, reviewed code and designs, and mentored a team of front-end developers.
- Worked full-stack in TypeScript / JavaScript – contributing to Node.js services, API design, and the data layer alongside the front-end leadership.
- Used Docker for local development environments and service packaging across the team.
- Established the company's internal design system: tokens, components, theming, and Storybook documentation.
- Collaborated with technical leads, product managers, and stakeholders to define technical requirements and align solutions with business objectives.
- Participated in hiring and onboarding – conducted technical interviews, mentored new hires, and grew a positive, collaborative team culture.

- Advanced CSS and Sass: Flexbox, Grid, Animations and More!
- Affinity Designer: The Complete Guide to Affinity Designer
- Intro to Programming
- Django 2.2 & Python | The Ultimate Web Development Bootcamp

LANGUAGES

Arabic – Native

English – Full professional

Staff Software Engineer

Jan 2021 - Dec 2022

- Continued front-end leadership across SITE products. Set patterns adopted by other front-end engineers, reviewed architecture decisions, and contributed to cross-team technical standards.
- Worked full-stack in TypeScript / JavaScript – building features that spanned UI, Node.js services, and the data layer.
- Maintained and evolved production systems while supporting parallel feature delivery across multiple product lines.

Senior Software Engineer

Jul 2019 - Jan 2021

- Delivered features end-to-end across SITE's product portfolio in JavaScript / TypeScript – UI in React and Angular, plus contributions to Node.js services and APIs.
- Took on increasing technical scope – reviewing peers' work and contributing to shared infrastructure.

Associate Software Developer

Mar 2019 - Jun 2019

- Onboarded into SITE's front-end teams and contributed to feature work across early projects.

Front-end Developer

Jul 2017 - Feb 2019

Cognizant · Riyadh, Saudi Arabia

- Built and maintained production websites and web-application user interfaces with HTML, CSS, and JavaScript – translating designer concepts into responsive, accessible UI.
- Delivered responsive design for mobile sites and contributed back-end and API work where needed.
- Used GitHub for workflow management and Grunt / Gulp for build automation. Tested for usability and resolved bugs throughout the development lifecycle.

Trainee

Jun 2016 - Aug 2016

Saudi Electricity Company · Riyadh, Saudi Arabia

- Citrix administration: user provisioning, privileges, and login troubleshooting.
- Worked with the GIS / ArcGIS database – quality assurance, data entry, and basic admin.
- Touched the field force management system (FFMS) and SUTY application for e-billing and customer service.