

Muhsin A

Frontend Engineer | React | TypeScript | JavaScript

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[Website](#) · [GitHub](#)

Professional Summary

Frontend Engineer with **6+ years of experience** building and maintaining production web applications across SaaS, business management, e-commerce, travel, social platforms, and consumer applications. Strongest in **React and TypeScript**, with experience taking ownership of large frontend codebases, delivering features end-to-end, and modernizing legacy applications without disrupting ongoing product development.

At Springworks, spent **4+ years on Horizon360, a business management platform for Toro**, working as one of the primary frontend engineers and maintaining a large, long-lived React application. Led frontend modernization efforts including React upgrades, JavaScript-to-TypeScript migration, automated testing, reusable component architecture, Storybook documentation, and developer workflow improvements. Also experienced in mentoring engineers and interns, collaborating with product and design teams, and contributing to full-stack features when required.

Self-taught developer with a long-standing interest in programming and a practical, product-focused approach to engineering.

Technical Skills

Languages & Core: TypeScript, JavaScript (ES6+), HTML5, CSS3/SCSS

Frontend & Frameworks: React, Next.js, React Native, Vue.js, Angular, Ionic

State & Data: React Query, Redux, Jotai, Context API, REST APIs

Testing & Tooling: Jest, Storybook, Vite, Webpack, Git, CI/CD (GitHub Actions, Azure DevOps), Docker

Backend & DB: Node.js, Express.js, SQLite, MySQL, MongoDB

AI-assisted Development: Claude, Cursor, Codex, Gemini

Professional Experience

Springworks

Software Engineer · Nov 2021 – Present · Remote, India

Horizon360 – Toro

Business management software for the landscaping industry, developed for The Toro Company and used in the US market.

- Worked as one of **4 frontend engineers within a ~20-person product team**, collaborating across engineering, product, design, and business teams to scope, estimate, and deliver product features.
- Became a primary maintainer of the frontend codebase, with **~80% of the frontend historically authored or maintained through Git contributions**.
- Delivered major product functionality including **email workflows, job scheduling, customer management, invoicing, equipment tracking, equipment maintenance, and job packages**.
- Led frontend modernization of an aging React application, coordinating React and build-tool upgrades while keeping active product development moving.
- Migrated the frontend from **JavaScript to TypeScript**, reducing runtime errors and improving maintainability across a large and complex codebase.
- Introduced and expanded **unit and integration testing** in an application that previously had limited automated coverage, improving confidence in ongoing refactoring and feature development.
- Established a reusable component architecture and integrated **Storybook** to document UI components and improve consistency across development.
- Added technical documentation and reusable patterns that made the codebase easier for new engineers and interns to understand and contribute to.
- Secured additional engineering time within release cycles for technical debt, migrations, and code-quality improvements despite a strong business focus on feature delivery.
- Improved the frontend build and deployment workflow through modernization of the React/tooling stack, contributing to a **~80% reduction in build time**.
- Mentored approximately **5 interns over 4+ years**, including task assignment, code reviews, technical guidance, and career mentoring.
- Participated in hiring and personnel decisions, including evaluating and managing junior team members.
- Worked closely with the client and internal teams through iterative planning, technical feasibility discussions, estimation, development, and release.

SpringVerify

Contributed to Springworks' background verification platform.

- Delivered multiple features **end-to-end across frontend and backend**, including development of APIs and application workflows.
- Built an **email campaign engine for reference checks** and refactored existing employment email campaign functionality around the new workflow.
- Developed candidate-facing background verification forms and related user flows.
- Implemented **bulk candidate upload with custom fields and remembered fields**, along with supporting application logic.
- Used AI-assisted development tools including **Claude, Cursor, and Codex** to accelerate implementation, refactoring, and exploration while maintaining ownership of technical decisions and code quality.

Other Springworks Projects

RallyHood – Vue.js

- Joined the project to improve frontend architecture, maintainability, and scalability.
- Introduced a clearer folder and file structure and documented project conventions and usage patterns.
- Established a reusable component library and a centralized **color and typography theme system**.
- Integrated Storybook documentation to make reusable components easier to discover and adopt.

VRSIZ – React Native

- Contributed to a sports events and tournament management mobile application.
- Implemented authentication and user profile management.
- Worked on match details and team-member management functionality.

Techwarelab

Frontend Engineer · Oct 2019 – Nov 2021 · Kochi, India

Joined as the company's **first React developer** and worked on multiple client projects, frequently owning the frontend independently from initial implementation through delivery.

- Built and maintained production web and mobile applications using **React, Angular 2+, and Ionic**.
- Delivered frontend applications end-to-end in small teams, typically working directly with one or two backend engineers.
- Worked across a wide range of product domains including **B2B e-commerce, travel booking, food delivery, social platforms, logistics, and service booking**.
- Built and maintained booking workflows for **bus, flight, and hotel** products.
- Developed a bus booking module for **Daraz, the Alibaba Group marketplace**, integrating the booking experience into the existing Daraz application.

- Worked on a TikTok-style social video platform including the user-facing web application and an advertising management portal for ad managers.
- Built applications for **food delivery and car mechanic/service booking** use cases.
- Developed responsive, component-based interfaces and integrated frontend applications with REST APIs.
- Worked with legacy and modern frontend architectures and contributed to migrations and modernization efforts.
- Participated in technical decisions around frontend architecture, reusable components, API integration, and application structure.
- Collaborated with designers and backend developers to translate product requirements into production-ready applications.
- Mentored junior developers and shared frontend practices around React, Git, and application architecture.

Selected Project

Kadha – Privacy-focused Movie & TV Tracker

kadha.org

A privacy-focused platform for tracking movies and TV shows, sharing collections with friends, and tracking individual episodes without relying on advertising-driven tracking.

- Built the application independently across **frontend, backend, database, testing, and deployment**.
- Developed the frontend with **React and Vite**.
- Built the backend using **Node.js and Express.js** with **SQLite** for persistence.
- Implemented features including personal watch tracking, collections, friend sharing, and episode-level tracking.
- Containerized development and deployment workflows using **Docker**.
- Set up automated testing and **CI/CD with GitHub Actions**.
- Used AI-assisted development extensively with tools such as **Codex and Gemini**, while owning architecture, implementation, and technical decisions.

Additional Technical Work

- Built multiple **ESP32-based IoT projects**, including environmental monitoring, PC ambient-light synchronization, and a BLE-to-smart-light controller.
- Experimented with **Godot** and game-development concepts, including gameplay programming and interactive systems.

- Maintains smaller experimental web projects exploring browser APIs, graphics, and JavaScript/TypeScript tooling.

Education

B.Com. Computer Applications coursework

CAS IHRD Karthikappally, Kerala

Languages

English: Professional working proficiency

Malayalam: Native