FATIH AKYOL

Senior Frontend Developer

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SUMMARY

Senior frontend developer with 5+ years of professional experience building production-grade web applications with React, Next.js and TypeScript, plus Electron desktop and kiosk software. Delivered 15+ client projects and led legacy-to-modern migrations (ASP.NET, AngularJS/jQuery, Angular to React/Next.js). Strong focus on real-time applications, performance, security-minded architecture (BFF, cookie-based auth) and clean component design, backed by hands-on full-stack capability (Node.js, Express, MongoDB) and a habit of shipping tested, localized, Docker-deployed products end to end.

EXPERIENCE

Naxxt Software — Istanbul

Mar 2021 – Present

Frontend Developer → Senior Frontend Developer

- Delivered 15+ client projects at a software agency across industries: admin dashboards, e-commerce platforms, internal desktop tools and React Native mobile apps
- Owned frontend technical decisions in a cross-functional team of 7 (3 frontend, 4 backend), from architecture and library choices to code standards; mentored 5 junior developers and ran code reviews
- Migrated a business-critical admin dashboard from ASP.NET 4.5 to Next.js with Ant Design: 4x faster pages, far better usability and tighter role-based authorization
- Resolved security weaknesses of a backend outside the team's control by designing a Backend-for-Frontend (BFF) layer: httpOnly cookie-based sessions instead of client-side JWT storage, and permission checks enforced server-side
- Migrated multiple legacy applications (AngularJS 1.x / jQuery, Angular 4–9) to modern React and Next.js stacks
- Built Electron kiosk software integrated with bill and coin acceptors, running on 50+ devices
- Implemented e-commerce frontends with product catalogs, cart and checkout flows, payment integration and SEO-friendly server-side rendering
- Integrated REST APIs and real-time features (WebSocket / Socket.io); built themeable dark/light UIs with EN/TR internationalization, covered by unit and integration tests with Vitest and Testing Library

PROJECTS

Clipboard History · github.com/mfakyol/clipboard-history — Clipboard manager for Windows and macOS that opens under the focused text field without stealing focus. Electron, React; native helpers in C# (Win32, UI Automation) and Swift (Accessibility API); 56 tests in CI on 3 OSes.

Screen Splitter · github.com/mfakyol/screen-splitter — Digital signage for store TVs and kiosks: web pages in screen zones across multiple monitors, self-healing. Electron, React, TypeScript; 150 unit and component tests.

Real-Time Chat · chat.fatihakyol.com — Messaging platform: 1:1 & group chats, read receipts, typing indicators, file sharing, presence. Next.js 16, React 19, TypeScript, Zustand, Socket.io, Express, MongoDB; Vitest/Supertest; Docker Compose + nginx.

Browser Code Editor · codeeditor.fatihakyol.com — Multi-language editor with live preview and server-side compilation (Sass, Less, Pug, JSX). React, TypeScript, CodeMirror 6, Express, MongoDB.

More projects with live demos (whiteboard, URL analytics, video calls…): fatihakyol.com

SKILLS

Core: JavaScript (ES6+), TypeScript, HTML5, CSS3, responsive & cross-browser UI, accessibility (WCAG/ARIA), web performance (Core Web Vitals, Lighthouse)

Frameworks & State: React 19, Next.js (App Router), Electron, React Native, Redux Toolkit, Zustand, TanStack Query, Vue 3, Pinia, React Hook Form, Zod

UI & Styling: Tailwind CSS, Sass, Ant Design, Mantine, Framer Motion, Figma

Real-Time & Graphics: Socket.io, WebSockets, Three.js / React Three Fiber, Canvas (Konva), CodeMirror

Backend: Node.js, Express, MongoDB, Mongoose, REST APIs, session & JWT authentication, BFF architecture

Testing: Vitest, Jest, Testing Library, Playwright, Supertest

Tools & Workflow: Git, Docker, nginx, AWS, Cloud Run, Vite, Webpack, Gulp, Storybook, ESLint, i18n, CI/CD, Jira, Monday.com

EDUCATION

Erciyes University · B.Sc. Computer Engineering, 2021

LANGUAGES

Turkish (Native) · English (B2 — Upper-Intermediate)