

Ahmet ERDEN

Senior Frontend Developer

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PROFESSIONAL SUMMARY

Frontend developer with 6+ years of experience building large-scale, component-driven web applications with React and TypeScript. I design reusable component architectures and design systems, and structure predictable state and server-state flows with Redux Toolkit, Zustand, Context API and TanStack Query. I integrate RESTful APIs with Axios and build real-time interfaces with WebSocket, and I have hands-on experience with micro frontend approaches including Module Federation and Single-SPA. I focus on clean code, performance optimisation and scalable architecture, and take active ownership in code review and technical decision-making.

CORE AREAS OF EXPERTISE

Scalable Component Architecture & Reusable UI Libraries · TypeScript in Large-Scale Applications · Micro Frontend Architecture (Module Federation, Single-SPA) · Design Systems (Ant Design, MUI, shadcn/ui) · State Management (Redux Toolkit, Zustand, Context API) · Server-State Management (TanStack / React Query) · RESTful API Integration (Axios) & WebSocket Real-Time Communication · Responsive UI Development with Tailwind CSS · Frontend Performance Optimization (Lazy Loading, Code Splitting, Memoization) · Clean Code & Code Review · Git Branching Strategies & CI/CD Pipelines · React & Next.js Application Development · SSR / SSG / ISR · Technical Decision-Making

PROFESSIONAL EXPERIENCE

Web App Engineer

09.2025 – 03.2026 | Sarıyer / İstanbul

Paribu

- Restructured rendering strategies by migrating from SSR to SSG/ISR; balanced server load and improved system performance under high traffic.
- Designed and implemented cache strategies; optimised page load performance in heavy-usage scenarios.
- Restructured state management with Redux, making the data flow more predictable and easier to maintain.
- Developed scalable and maintainable frontend structures with Next.js and TypeScript; built reusable components through a component-based architecture.
- Wrote unit and integration tests for critical business flows; secured the stability of critical paths through test automation.
- Designed and developed a dynamic venue plan builder interface on the CMS and guided technical decision processes with my industry experience.

Frontend Developer

05.2019 – 08.2025 | Kadıköy / İstanbul

Tiyatrolar Bilgi Teknolojileri Yayıncılık Pazarlama ve Tic.

- Rebuilt the system with Next.js in line with growing traffic and user experience needs; played an active role in the transition to a modern frontend architecture.
- Established a reusable component structure and a scalable frontend architecture.
- Developed the platform's existing frontend structure and managed maintenance and new feature processes end to end.
- Managed the frontend development and release processes of the venue websites connected to the main domain; converted Figma designs into pixel-perfect code.
- Restructured the CMS infrastructure, enabling a more usable and efficient admin panel.
- Applied SEO-focused technical improvements, contributing to the growth of organic traffic.

Web Developer 06.2018 – 01.2019 | Beykoz / İstanbul

Secube Ar-Ge Bilişim Mühendislik Ve Tic. Ltd. Şti.

- Developed PHP-based e-commerce platforms and optimised existing systems.
- Built custom themes and modules for OpenCart and similar systems.
- Implemented interface features that increased user interaction with JavaScript.
- Gained hands-on experience in MySQL database management and query optimisation.

FEATURED PROJECT

Event Venue Plan Automation 01.2026

Live application: https://venue-plan-creator.vercel.app/editor

- Designed and developed an editor application that creates interactive seating plans for large theatre, stadium and arena venues as an alternative to commercial tools such as Seats.io; delivered seat/table/section management and plan publishing in JSON format.
- Built it on a modern technology stack with Next.js 16, React 19, TypeScript, Konva.js, Zustand + Immer, Tailwind CSS v4, MUI and dnd-kit.
- Optimised render performance in 50,000+ seat scenarios through viewport culling, a Level of Detail (LOD) strategy and imperative Konva updates.
- Used Claude Code as a pair programmer and technical advisor throughout my daily development workflow; I defined the architectural decisions, complex geometry calculations, performance approach and acceptance criteria myself, and verified the resulting code through profiling, testing and code review

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, Sass, PHP, MySQL

Frameworks & Libraries: React.js (React 19), Next.js (Next.js 16), Redux Toolkit, Zustand, Context API, Immer, TanStack Query (React Query), Axios, WebSocket, Node.js, NestJS, GraphQL, Konva.js, dnd-kit, Lit Element, jQuery

Micro Frontend & Architecture: Module Federation, Single-SPA, Component-Based Architecture, Design Systems, Atomic Design, Clean Architecture

UI & Styling: Ant Design, Material UI (MUI), shadcn/ui, Tailwind CSS (v4), Responsive Design, Pixel-Perfect Development

Testing & Quality: Jest, React Testing Library, Unit Testing, Component Testing, Integration Testing, Mocha, ESLint, W3C Standards, Sentry, New Relic (Error Monitoring & Performance Monitoring)

Tools & Process: GitHub, GitLab, Jira, Webpack, Turbopack, Figma, CI/CD, Agile / Scrum, RESTful API / JSON API

AI Tools: Claude, Claude Code, ChatGPT, GitHub Copilot, AI-Assisted Development, Pair Programming

EDUCATION

Management Information Systems 09.2018 – 08.2025
Anadolu University · Bachelor's Degree

Computer Programming 09.2016 – 06.2018
Sakarya University · Associate Degree

CERTIFICATIONS

- Meta Front-End Developer (React) — Coursera · https://www.coursera.org/account/accomplishments/verify/U6MU2BEKQT4X
- CSS — HackerRank · https://www.hackerrank.com/certificates/871430dbad12
- Frontend Web Development Path — patika.dev · https://app.patika.dev/certificates/esqH9mb
- Backend Web Development Path with PHP — patika.dev

LANGUAGES

English: Professional working proficiency; reading and writing technical documentation and Professional business communication.

ADDITIONAL INFORMATION

Driving Licence: Class B **Military Service:** Completed

Interests: Hiking and camping; mobile game development.

References available upon request.