Bilal Emir Kocaoğlu

 github.com/Emirkcgl   linkedin.com/in/bilal-emir-kocaoglu   bilalemirkocaoglu.com
 +90 551 161 0364   emirkocaoglu05@gmail.com

SUMMARY

2+ years of experience as a Frontend Developer.

Currently working as a Frontend Developer using React and contributing to component development, UI improvements, and bug fixes in an agile team.

Experienced in building scalable and maintainable applications using frameworks like Angular and Next.js.

Proficient in managing multiple priorities and implementing efficient solutions to complex problems.

Familiar with all stages of the Software Development Life Cycle (SDLC).

Proficient coder with TypeScript/JavaScript, HTML, and CSS.

EDUCATION

ISTANBUL TOPKAPI UNIVERSITY   September 2022 – September 2024
Computer Programming

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, C#
Frameworks & Libraries: Angular, React, Next.js, Redux, Context API, Zustand,
Tools: Git, GitHub, VS Code, Postman, Figma, Chrome DevTools
Technologies:Tailwind CSS, SCSS, PrimeNG, React Router, Axios, NextAuth.js, i18next
Core Skills: Component-Based Architecture, Responsive Design, RESTful APIs, OOP, Data Structures, State Management, Performance Optimization

WORK EXPERIENCE

MentalUP | *Frontend Developer*   May 2025 – Present
- Working as a Frontend Developer using React and Next.js, contributing to component development and UI improvements within an agile team.
- Involved in building and maintaining scalable educational platforms and event-based web applications with multilingual and responsive design.

Akım Metal R&D Center | *Frontend Developer*   July 2023 – December 2024
- Implemented API integrations using Angular to enhance data accessibility and functionality, improving user experience.
- Developed reusable UI components using Angular libraries to maintain consistency across projects.
- Built mobile-friendly and responsive web applications to ensure seamless performance across different devices.
- Collaborated with UX/UI designers to adapt designs and integrate them into applications.
- Utilized version control systems like Git and GitHub to facilitate team collaboration.
- **Departed due to company downsizing decision and closure of the software department as of December 24, 2024.**

Akım Metal R&D Center | *Software Development Intern*   July 2022 – July 2023
- Received training in HTML, CSS, Angular, JavaScript, and TypeScript during the internship.
- Worked on small projects to develop responsive designs, reinforcing technical knowledge.
- Gained practical experience in different projects, advancing skills in front-end development.

Projects

Fedu.ai | *Next.js 14, TypeScript, Tailwind CSS, Redux, Zustand, Azure AI*
- Joined the existing Fedu.ai development team to enhance and extend the AI-powered educational platform.
- Contributed to multi-role authentication (Teacher/Student/School Center), AI-driven content generation, and multilingual feature enhancements.
- Improved performance and user experience by optimizing Redux Toolkit and Zustand state management structures.

AI Education Summit 2025 | *React, Next.js, Tailwind CSS, AES Encryption, Zustand*
- Fully developed the event platform from scratch with responsive, mobile-first architecture and multilingual support for 10+ languages.
- Implemented a secure participant registration system using AES-CBC encryption and real-time form validation.
- Designed modular React components for event schedule, speaker management, and registration flow to ensure scalability and UI consistency.

Fedu Landing Site | *React 17, Next.js 12, SCSS, next-i18next, Zustand*
- Built a multilingual, content-driven landing and blog site with structured JSON data and reusable UI components.
- Created a component library and integrated Zustand stores for smooth user interaction and locale management.
- Optimized Azure Static Web Apps deployment through SSG, asset compression, and Next.js standalone builds, improving overall performance.

ISGen | *Angular, TypeScript, API Integration, Mobile Design, Git, VS Code*
- Developed a process tracking software aimed at preventing potential workplace accidents under occupational health and safety regulations.
- Implemented API integration to enhance data accessibility and functionality for end-users.
- Collaborated with UX/UI designers to ensure designs align with project goals.
- Implemented the mobile design of the project.

ASYNC | *Angular, TypeScript, Mobile Design, Git, VS Code*
- Performed UI/UX optimizations to enable more efficient user interactions.
- Integrated APIs to enhance data accessibility and functionality for end-users.
- Organized the project's file structure to create a sustainable architecture among components, services, and modules.
- Implemented the mobile design of the project.

HR Employee Table | *Angular, TypeScript, Telegram API, Git, VS Code*
- Developed an employee table for HR management, allowing viewing, editing, deleting, and searching of personnel information.
- Integrated with the Telegram API to send automatic notifications to personnel based on their information.
- Created a user-friendly and responsive interface using Angular; added search and filter functions to the table.
- Ensured real-time data updates using Angular reactive forms and two-way binding for CRUD operations.
- Organized the project's file structure to create a sustainable architecture among components, services, and modules.

Intelligent Manufacturing and Operations Decision Support Assistant
Angular, TypeScript, PrimeNG, Mobile Design, Git
- In the "Intelligent Manufacturing and Operations Decision Support Assistant" project, we aimed to accelerate data-driven decision-making processes by providing real-time answers to managers' instant questions through natural language processing technologies.
- Focused on the design and development of the artificial intelligence–based Chat UI (Conversation-Based User Interface).
- Utilized Angular, PrimeNG, and TypeScript to build interactive components for the Chat UI.
- Implemented a mobile-friendly design to ensure accessibility on different devices.
- Collaborated with the team to integrate the Chat UI with backend natural language processing models.

CERTIFICATIONS

- **Advanced Web Development with Angular - Udemy**
- **Sıfırdan İleri Seviye Modern Javascript Dersleri -Udemy**
- **Uygulama Geliştirerek C# Öğrenin: A'dan Z'ye Eğitim Seti -Udemy**