MUZAFFER KOCAK

Full Stack Developer

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MOTIVATION

As a passionate Full-Stack Developer, I possess extensive knowledge of modern web technologies, both in frontend and backend development. On the backend, I work with server technologies such as **Node.js**, **Express.js**, and various database solutions like **MongoDB**, **SQLite**, and **SQL**. At the same time, I have gained deep experience in frontend development using **HTML**, **CSS**, **JavaScript**, and frameworks like **React.js**.

During my education and practical experience, I have learned how to develop robust and scalable backend systems, implement APIs, and efficiently manage complex data structures. On the frontend side, I have created and implemented innovative, user-friendly interfaces using modern UI frameworks such as **Bootstrap**, **Material UI**, and **Tailwind CSS**.

With tools like **Docker**, **EJS**, and **Sequelize**, I have developed versatile and efficient solutions. My goal is to further enhance my technical skills in both frontend and backend development while working in a creative and dynamic team that shapes the future of technology. Through my full-stack expertise, I aim to contribute to the development of sustainable and high-performance solutions that provide real value.

SKILLS AND COMPETENCIES

Frontend Technologies:

HTML5 · CSS3 · JavaScript · React.js ·
TypeScript · Next.js

UI-Frameworks:

Bootstrap · SASS · Material UI ·
Tailwind CSS · Styled Components

State Management:

Redux · Context API

Testing:

Cypress.js

PRACTICAL EXPERIENCE

CNC Machinist
Winning BLW

10/1996 - 08/2020
Remscheid

- Programming and operation of **CNC machines** (**Siemens control system**) with a focus on **precision** and **efficiency**.
- Developed extensive experience in **problem-solving**, **attention to detail**, and **efficient resource utilization**.
- Gained a strong foundation in working according to **strict technical specifications**, which translates into **precise work** in web development.

Machine Setter
Winning BLW

08/2020 - Present
Remscheid

- Responsible for setting up and preparing **machines** for the production of specific parts.
- Ensured a smooth workflow for operators, including the **optimization** of machine processes and minimizing production downtime.
- Conducted regular **quality control** and adjustments to ensure **precise** and **error-free** production.

Frontend Development
Clarusway

09/2023 - 06/2024
USA, Virginia

- Collaboration with a team of 5 developers to develop websites and web applications.
- Design and implementation of **25 new product features** and **5 full websites** with **HTML**, **CSS**, **SASS**, **Bootstrap**, **Material UI**, and **Tailwind CSS**.
- Application of **React States** and **Redux** to manage the application state in various projects.
- Use of version control systems like **Git** and **GitHub** for efficient collaboration.
- Implementation of **API integrations** and backend communication using **Postman** and **Firebase**.
- Deployment of projects on **GitHub**, **Netlify**, and **Vercel**.

Backend Development
Clarusway

11/2024 - 01/2025
USA, Virginia

- Development of robust backend systems with **Node.js**, **Express.js**, and **MongoDB**.
- Use of **Mongoose** for ORM integration and managing database operations.
- Implementation of **JWT** and token-based authentication for secure user management.
- **API development** with **Swagger** and **ReDoc** for API documentation and visualization.
- Implementation of the **MVC design pattern** for project structure.
- Use of **EJS** for rendering dynamic data in browsers.
- Practical experience in the development and implementation of **APIs** and **database operations**.

EDUCATION

Machining Technician
Keiper Recaro

08/1992 - 01/1996
Remscheid

- **Machinist Training** with a focus on **CNC turning** and **precision manufacturing**.

CERTIFICATION

Fundamentals of Web Development

Knowledge of HTML, CSS, JavaScript: Certificate

Frontend with React

Extensive practical experience in development with React: Certificate

JavaScript

Specialization in Modern JavaScript Techniques: Certificate

Backend with Node.js

Extensive practical experience in development with Node.js and Express: Certificate

PROJECTS

Milestone Blog App

Technologies: **Node.js**, **Express.js**, **MongoDB**, **Mongoose**, **JWT**, **Nodemailer**, **React.js**, **Redux**, **React Hooks**, **React Router**

- Developed a full blog platform with both **frontend** and **backend**, allowing users to **create**, **edit**, and **delete** blogs.
- <u>Backend:</u> Implementation of **JWT** for authentication and authorization, **Mongoose** for managing the **MongoDB** database, and **Nodemailer** for user registration and email notifications.
- <u>Frontend:</u> Use of **React.js**, **Redux**, **React Hooks**, and **React Router** to create a dynamic and user-friendly interface and user guidance.
- **Live-Demo:** My Blog
- **Frontend Source Code:** GitHub
- **Backend Source Code:** GitHub

My Stock App

Technologies: **React.js**, **Material UI**, **Formik & Yup** (Form Validation), **React Router**

- **Developed an inventory management app** that allows users to manage their products.
- The application enables users to **sign up**, create **accounts**, **add** and **edit products**, and monitor **sales**, **purchases**, and **inventory data**.
- Focused on a **user-friendly interface** and **responsive design**.
- **Live-Demo**: My-Stock
- **Source Code**: GitHub

Movie App

Technologies: **React.js, Tailwind CSS, Context API, Firebase, TMDb API**

- **Developed a movie discovery application** that allows users to search for movies.
- Integrated the **TMDb API** to query movie data, including **ratings**, **descriptions**, and **images**.
- Used **Firebase** for **user authentication** and **database management** to securely store and manage user data.
- **Live-Demo:** Movie-App
- **Source Code:** GitHub

HTML, CSS, JavaScript:

- **Diverse projects in the field of frontend development** covering basic **frontend technologies**.
- Examples and Live Demos: GitHub