



# MUZAFFER KOCAC

## 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

10/1996

#### Winning BLW

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

08/2020

#### Winning BLW

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

09/2023 - 06/2024

#### Clarusway

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

11/2024 - 01/2025

#### Clarusway

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

08/1992 - 01/1996

#### Keiper Recaro

Remscheid

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

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## SKILLS AND COMPETENCIES

### Backend Technologies:

Node.js · Express.js · API Development ·  
Docker · Sequelize · MVC Architecture ·  
EJS

### Database Tools:

MongoDB · SQL · SQLite ·  
Mongoose (ORM)

### Authentication & Authorization:

JWT · Token-based Authentication

### API Documentation:

Swagger · ReDoc

### Tools & Platforms:

Git · GitHub · Postman · Firebase ·  
Netlify · Vercel

## ADDITIONAL SKILLS

### Soft Skills:

Communication skills and Teamwork ·  
Creative and analytical thinking ·  
Solution-oriented approach ·  
High willingness to learn and self-motivation

## LANGUAGES

Deutsch	Fluent
Türkisch	Native
Englisch	Conversational

## INTERESTS

Cycling  
Cooking  
Cultures  
Music  
Traveling

## 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.
- Backend:** Implementation of **JWT** for authentication and authorization, **Mongoose** for managing the **MongoDB** database, and **Nodemailer** for user registration and email notifications.
- Frontend:** 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](#)