Kaan Arslan

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SUMMARY

I'm a self-motivated, creative frontend developer with 3 years of application and interface design experience, specializing in web development with a keen interest in new technologies.

EDUCATION AND TRAINING

Electrical and Electronic Engineer

Yasar University [2014 – 2018]   Country: Türkiye

PROFESSIONAL EXPERIENCE

Front End Developer   **Jun 2023 - Present**
Freelance

Achievements
• Designed multiple responsive and appealing landing pages.
• Successfully delivered an e-commerce project featuring a functional admin panel, seamless CRUD transactions, and secure payment method integration.
• Implemented Redux Persist for efficient state management, ensuring data persistence across sessions.
• Established a secure authentication system, creating reliable user sessions with token-based authentication.
• Engaged in regular communication with multiple customers to understand project requirements, provide updates, and address customer feedback or requests.
Tooling & Techniques: HTML, CSS, Javascript, Typescript, React JS, Next JS, MongoDB, Postman, Termius

Automation Engineer   **Feb 2022 - Nov 2022**

Hipermak Vertical & Horizontal Packaging Machines   **Country: Türkiye**

Achievements
• Programmed multiple Human Machine interfaces with a simple and effective design.
• Integrated the Human Machine Interfaces with PLC motion control.
• Developed the software and machine operation scenario of a research and development project which funded by TUBİTAK.
• Contributed to bringing an HMI interface to the web.
• Designed all of the available packaging machines electrical plan.
Tooling & Techniques: Studio5000, E-Plan, HTML, CSS, Javascript

Research and Development Engineer   **Mar 2020 - Aug 2021**
ABM Machinery   **Country: Türkiye**

Achievements
• Programmed multiple Human Machine interfaces with a simple and effective design
• Integrated the Human Machine Interfaces with PLC motion control
• Contributed to the development of the software and machine operation scenario of a research and development project.
 • Designed electrical plans for over 5 grinding machines.
Tooling & Techniques: TwinCAT, C#, E-Plan

PROJECTS

E-commerce Site   **Jan 2024 - Feb 2024**

I've successfully designed e-commerce project to a client which wants to sell his products to his franchisees. The project includes admin dashboard with seamless CRUD operations using NEXT JS, Typescript, Tailwind CSS, Material Tailwind and Postman. Additionally, I've adeptly integrated payment method, ensuring a secure and smooth checkout process.

Landing Page for tiny house facility   **Aug 2023 - Oct 2023**

This is a refined landing page built with the latest technologies: Next.Js, SCSS, and Chakra UI. It features responsive design, customized Chakra UI components, optimized performance, accessibility, smooth transitions, and seamless navigation. This project exemplifies expertise in Next.Js, SCSS, and Chakra UI to deliver a visually appealing, high-performance web presence.

Link: https://www.arsconcepthouses.com

Landing Page for Municipality   **Jun 2023 - Aug 2023**

This project is a meticulously crafted landing page, leveraging the power of Next.Js and featuring a design meticulously translated from Figma. With a focus on responsive design and a Next.Js framework, it delivers an elegant and high-performance web presence.

Link: https://redcon-akk.vercel.app/

Web Based HMI Design   **Jul 2022 - Nov 2022**

Developed the software and machine operation scenario of a research and development project using HTML,CSS and Javascript.

HMI Design for a Packaging machine   **Mar 2022 - Jul 2022**

Designed various components of PLC and HMI programs of a research project which funded by TÜBİTAK. The HMI was created using Studio5000 and FactoryTalkView.

Communication App Design   **Nov 2020 - Jul 2021**

In this project my goal was to provide communication between different units in the factory and also to store essential data like quantity of cnc machine sales, accounting records, stores account and workflow report. All data was stored in local server using SQL server and windows application was designed in C#.

3-Axis CNC Machine HMI design   **Jun 2020 - Aug 2020**

G-codes was used to develop algorithm for precise adjustment of 3-axised circular interpolated movement. The Human machine interface was created in TwinCAT 3 with CNC license.

Service Control Application   **Nov 2019 - Mar 2020**

I developed a windows application to help my uncle in his transportation business using C#. The program was created to make feasible monetary decisions by tracking the previous data. The data was stored in text file format.

DIGITAL SKILLS

React JS, React Route, React Hooks, React Dom / Next JS / React-React Native / HTML5/CSS, Javascript / NextJs/Sanity.io / Git / REACT framework / CSharp (Intermediate) / Rockwell Studio 5000 / Allen Bradley - RSLogix RSLinx FactoryTalk RSView / EPLAN Electric P8 / Microsoft Office: proficient user of Word, Excel and Powerpoint / Beckhoff TwinCAT software / Github / Web Development / Mongodb / Mongoose / Experience in using Postman tools for API testing.

LANGUAGE SKILLS

Mother Tongue

Turkish

Other Languages

English (B2)   Deutsch (A2)