Abdülkerim Mustafa DEMİR
Full Stack Developer

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ABOUT ME

I have more than 3 years of experience in the IT field and over 2 years specifically in Front-End Development. I enjoy writing code and solving complex problems. I have a strong interest in creating responsive designs and possess creative thinking skills. I am highly motivated and value integrity in my work. I am skilled at creating algorithms and effectively collaborating with team members. I have also taken courses in Machine Learning, Artificial Intelligence, Data Science, and Computer Vision, and have applied this knowledge to develop applications. I have a quick grasp of new technologies and concepts, which allows me to come up with innovative solutions. I am always eager to learn about different technologies, tools, and libraries. My main areas of interest are Full Stack Web Development, React, HTML5, CSS3, TypeScript, JavaScript, Tailwind, and Bootstrap. Additionally, I have completed graduate-level courses and developed applications in fields such as Machine Learning, Artificial Intelligence, Data Science, and Computer Vision. I am a lifelong learner and find great excitement in acquiring new knowledge and developing new skills.

WORK EXPERIENCE

ADATECH
Full Stack Developer   Mar 2023 – Current

- End-to-end planning, design and commissioning of website projects,
- Designing a website with HTML, CSS, Styled Component, SASS (SCSS), Bootstrap-5,
- Dynamic control of websites with Admin Panel,
- Setting up MVC structure with Laravel and Codeigniter frameworks,
- Building an Admin Panel Dashboard page showing data related to users integrated with database (MySQL).
- Studied Computational Thinking, Operating Systems, Version Control Systems (Git & GitHub), and Software Development Life Cycle (SDLC).

FREELANCE
Front-End Developer   Apr 2021 – Current

- Designed and implemented websites using HTML, CSS, Styled Components, SASS (SCSS), Bootstrap 5, and Tailwind CSS.
- Developed interactive, responsive, and scalable front-end solutions using JavaScript ES6, React, TypeScript, HTML5, and CSS3.
- Supported HTML and CSS projects by utilizing JavaScript DOM manipulation and event listeners.
- Developed the payment page of e-commerce websites using JavaScript functions, DOM manipulation, iterators, callbacks, string array functions, and event handling.
- Utilized Async/Await and Fetch structures to retrieve data from various APIs and platforms.
- Implemented transaction functionality on websites using JSON, local storage, and array methods.
- Utilized React's state hook and component structures in various projects.
- Integrated React Router, Bootstrap, Tailwind CSS, and Axios libraries to create user-friendly and well- prepared websites.
- Combined Material UI with other tools to enhance the user interface experience.
- Implemented state management using React States and Redux for effective data management.
- Build dashboard pages that display user-related data and integrated them with databases.
- Demonstrated proficiency in writing modular and reusable code.
- Applied SCRUM and Agile methodologies and used JIRA for individual and group projects.

TECHNICAL SKILLS

Python | JavaScript | React.js | SASS | Bootstrap | Material.UI | Tailwind | Linux | SQL | PostgreSQL | Node.js | PHP | CodeIgniter | Django | Django Rest Framework | Git | GitHub | APIs | Axios | Agile | Jira | SDLC | OOP | RESTful APIs

SOFT SKILLS

Collaboration | Teamwork | Time Management | Analytical Thinking | Creativity | Problem-Solving | Self-Motivated | Project Management | Planning | Adaptability | Continuous Learning | Curiosity

PROJECTS

- **Ship Type Classification Using CNN**

  (Computer Vision Project) In this project, it is aimed to correctly classify the ships in the data set consisting of ships using convolutional neural networks. A model was created by making data augmentation applications and necessary hyperparameter optimizations in the data set.

- **Detection of Object in Underwater Images by Detecting Edges**

  In this project which I did as a term project in the Image Processing course, the focus was on improving the distortions caused by underwater conditions with image processing techniques and performing edge detection processes.

- **Blog App**

  In this project, it is aimed to create blog posts using Firebase Realtime-database and display them on the dashboard. Adding, deleting and updating blog posts can be done. In the project, Firebase Realtime-database library was used for storing data, Material-UI library for styling, react-router library for page transitions and React-Toastify library for notifications. In addition, firebase was used for login and authorization processes.

- **Personalized-Contact-App**

  In this project, an online contact application has been developed in the React environment. HTTP methods such as CREATE, GET, POST, PUT are implemented using Google Firebase's Realtime Database. By creating a registration, people can create, delete or update their contact information. Tools: **Redux-toolkit, React-router, Material-UI, Styled-Components, Firebase Realtime-database library, React-Toastify library.**

- **Movie App**

  Redux-toolkit, react-slick, firebase, SCSS and partially styled components were used in this project. In this project, a Movie App. was created in the React environment using data from The Movie Database (TMDB) API. There is a search feature according to the entered word. Google Firebase is used for backend operations such as Login and Register.

- **Recipe-App**

  In this project, a Recipe Application was created in the React environment. EDAMAM Recipe Search API was used in this application.

- **Task-Tracker-App**

  A task tracking application was developed in the React environment. Axios, react-icons, react-bootstrap libraries were used in this project.

- Rest of the projects can be seen on **Github**.

EDUCATION AND TRAINING

Istanbul Technical University – Istanbul, Türkiye (Jul. 2023 - ongoing)
Computer Science **-** Graduate Education Institute – MSc.

Anadolu University - Eskisehir, Türkiye (Oct. 2022 - ongoing)
Computer Programming – Distance Education Faculty

Istanbul Technical University – Istanbul, Türkiye (Sep. 2020 – Jun. 2023)
Defense Technologies – Information Technologies **-** Graduate Education Institute – MSc.

Istanbul Technical University – Istanbul, Türkiye (2016)
Electrical and Electronics Engineering – Faculty of Engineering - BSc. – GPA: 3.32

Turkish Naval Academy - Istanbul, Türkiye (2012 - 2016)
Electrical and Electronics Engineering - Faculty of Engineering – BSc.

EXTRACURRICULAR ACTIVATES

- Member, Computer Club (2012 - 2016)
- Member, Ship Modeling Club (2014 - 2015)
- Member, Sailing Team

CERTIFICATES

- Agile - Udemy	May. 2023
- React 201 - Turkcell	Mar. 2023
- Applied SQL Database Lessons : MySQL & MsSQL - Udemy	Feb. 2023
- React 101 - Turkcell	Feb. 2023
- JavaScript Intermediate - Sololearn	Feb. 2023
- Web Development with HTML5 - BTK Academy	Feb. 2023
- Introduction to JavaScript - Sololearn	Jan. 2023
- HTML, CSS, and Javascript for Web Developers – Coursera	Sep. 2021
- Artificial Neural Network for Regression Udemy	Apr. 2021
- Neural Networks and Deep Learning - Coursera	Feb. 2021
- Improving DNNs: Hyperparameter tuning, Regularization and Optimization – Coursera	Nov. 2020
- Machine Learning with Python – Udemy	Sep. 2020
- Machine Learning – Coursera	Jul. 2020

LANGUAGES

- **Turkish** : Native

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken Production	Spoken interaction	
English	B2	B2	B1	B1	B2
Russian	A2	A2	A2	A2	A2

EXAM SCORES

Selection Exam for Academic Personnel and Graduate Studies	90.89
Foreign Language Exam (Eng.)	80.00