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Hilal Kara
Web Developer

About Me

Hi, I'm Hilal. I began my career in web development by mastering HTML, CSS, and JavaScript, and enhanced my toolkit with modern frameworks such as React and Next.js to create more effective solutions. I am planning to further advance my career in software development.

I have also delved into the basics of programming, gaining a solid understanding of fundamental concepts, which has made my code more effective and sensible.

The experience I gained from volunteer projects early in my career solidified my ability to develop practical solutions..

Expanding beyond front-end techniques, I ventured into data management using MongoDB and PostgreSQL, applying these skills in real-world projects while advancing my proficiency in Python.

Experience

Data Management – Intern   08/2023-12/2023
AFATEK | PHISHY | Ankara, Turkey

- Developed a Library Management System using both MongoDB and PostgreSQL with Sequelize as part of a dynamic team.
- Engineered database schemas and integrated backend functionalities to effectively manage book inventories, user registrations, and transaction histories.
- Enhanced data retrieval efficiency and system responsiveness by optimizing queries and database operations, significantly improving user experience.
- Collaborated with the development team to ensure system scalability and applied best practices in database and email integration management.

Post Sales Support   12/2023 – 04/2024
AFATEK | PHISHY | Ankara, Turkey

- Spearheaded the presentation and deployment of PHISHY, a phishing simulation product, preparing detailed presentation materials and conducting proof of concept (PoC) installations for new customers.

- Actively reached out to existing clients to gather feedback, addressing any issues swiftly by coordinating with the relevant personnel to enhance product performance and customer satisfaction.
- Conducted market analysis for new client acquisition, maintained records of customer interactions, product updates, and client database using an organized system which enhanced with automation features.
- Developed content for cyber security training programs, ensuring educational materials were up-to-date and comprehensive.
- Kept abreast of current cyber security trends, regularly creating and managing LinkedIn posts to engage the community and enhance brand visibility.
- Facilitated face-to-face meetings and updates with clients to strengthen relationships and ensure alignment with their security needs.

Digital Content Writing   07/2022-07/2023
forms.app | Remote

Frontend Developer – Intern   05/2022-07/2022
Black Agency | Turkey
- By participating in the website creation process, I gained valuable experience in customer communication and user experience. I did hands-on work on basic web design principles. This internship allowed me to see and adapt to working life.

Technical Stack and Tools

Technical Skills
- HTML/CSS

I have advanced knowledge and use it to build websites. I have experience in responsive design. I also use HTML and CSS to understand the structure of web pages for code review and data scraping projects.
- Javascript

I have actively used it in projects and have intermediate knowledge. I use it for frontend and backend development.
- React

In some projects, I developed dynamic and user-friendly web applications using React.js. By using React's component-based structure, I made applications more modular and scalable. I also developed the ability to optimize performance by using React's features such as virtual DOM and component lifecycle.
- Node.js

I use it for backend development and have basic knowledge. I use it for building APIs and server-side coding.
- MongoDB and PostgreSQL

In a library management system project, I worked on both MongoDB and PostgreSQL databases. In this project, I performed database operations using direct queries for MongoDB and Sequelize ORM for PostgreSQL.
- PHP

I have used it for backend development on a few projects. I have basic knowledge.

Education

Computer Programming   08/2023-Present

Computer Programming | Turkey

- Currently pursuing a comprehensive curriculum in computer programming, covering a wide range of topics including algorithms, data structures, software development methodologies, and programming languages such as Java, C++, and Python.

Web Design and Development Course   06/2022 – 01/2023

Vektor Informatics | Turkey

- Developed foundational skills in Photoshop, HTML, CSS, JavaScript, jQuery, React, Next.js, PHP, and MySQL, which facilitated the design and development of responsive and visually appealing websites.
- Engaged in extensive hands-on projects and assignments, refining my abilities to create engaging web designs and user-friendly interfaces.

Faculty of Engineering | Food Engineering   09/2017-06/2021

Pamukkale University | Turkey

- I found special interest and learning opportunities in the "New Product Development" course where I gained hands-on experience in creating innovative food products.
- I did my thesis on "3D Printing Technology in the Food Industry" which sparked my interest in technology in the food industry.