Hasan Talha Çelik

Istanbul, TR | **Portfolio** | **GitHub** | **LinkedIn** | +905054539566 | **hasantalhahtc@gmail.com**

Experienced in hands-on development using JavaScript, React.js, and Axios, with a proven ability to quickly adapt to new technologies and tools. Actively enhancing mobile development skills while advancing backend proficiency with .NET Framework, C#, and SQL from previous experience. Passionate about innovating and specializing in the dynamic tech industry, continuously seeking opportunities to develop new products and grow.

EDUCATION

Gebze Technical University   **Kocaeli, TR**
Electronics Engineering / Bachelor's Degree   *Jan 2023*
GPA: 2.88

COURSES & CERTIFICATES

IELTS Academic   **Cambridge Assessment**
Band Score: 7 (CEFR Level: C1)   *May 2024*

Web Development   **Koç Holding – Ctrl + Future**
JavaScript, Azure, React.js, HTML, CSS, Node.js, Soft Skills   *Jul 2023 - Sep 2023*

IT Fundamentals   **Patika.dev**
Data Structures, Agile, Scrum   *Jul 2023*

WORK EXPERIENCE

A Arçelik Global   **Istanbul, TR**
Frontend Developer Intern   *Dec 2023 – Mar 2024*
- Acquired knowledge on centralizing HTTP requests with Axios and handling multiple promises for reusability and legibility
- Implemented an auth layer with Okta Auth and performed access token validation on the backend
- Created a custom hook for video tracking and updated the database every second
- Designed and developed a quiz system with 5 different question types and automated actions
- <u>Skills</u>: React.js, Okta, Axios, Redux, React Router

Software Engineer Intern   *Nov 2023 – Dec 2023*

- Acquired a foundational understanding of ROS2 through official documentation and resources
- Conducted experimentation within simulation environments, including Rviz and Gazebo
- Attended to daily scrums, sprint planning,and sprint review

elkon Elkon-Tr   **Istanbul, TR**
R&D Engineer Intern   *Jul 2021 – Aug 2021*

- Learned about fully electric and hybrid-powered vessels
- Made a presentation of the products of autonomous charging station manufacturers for electric ships to the R&D team
- Researched the types of ship charging stations and their working mechanisms
- Learned what to consider when preparing an international R&D project and wrote a project report with the help of an experienced engineer

⟨ Kalyon PV   **Ankara, TR**
Electronics Engineer Intern   *Jan 2021 – Feb 2021*

- Learned about solar panel ecosystem and production
- Checked the electrical panels of the machines in the factory with an experienced technician and learned the functions of the electrical elements in the panel, learned how an induction motor works
- Performed simple PLC coding examples and examined the cable connections of the PLC that is actively working in the field

PROJECTS

FoodBase   ⟨⟩ 🔗
Website Project   *2023*

- Built an e-commerce website where users can login with their Google accounts
- Constructed a page where the admin can add products in real time
- Designed it responsively for both mobile and desktop use
- <u>Utilized:</u> Next.js, Redux, Firebase, Tailwind CSS, Framer Motion, Adobe Illustrator

Notes Web App   ⟨⟩ 🔗
Website Project   *2023*

- Built a note-taking app website that uses the same database as the mobile note app I have made
- Designed it responsively for both mobile and desktop use
- <u>Utilized:</u> React, Redux, Firebase, Tailwind CSS, Framer Motion, Adobe Illustrator

Notes   ⟨⟩
Mobile Application Project - (Android & IOS)   *2023*

- Built a note-taking app for users who registered with their emails and passwords
- Configured interfaces for users to add new notes, update and delete their notes
- Created a home page for users to receive their notes from the database in realtime and also order them by time and title
- <u>Utilized:</u> Expo CLI, React Native, Redux, Firebase, React Navigation, RN Dropdown Picker

Crypto Tracker   ⟨⟩
Mobile Application Project - (Android & IOS)   *2023*

- Fetched cryptocurrency data from an API and printed them into the home screen
- Configured a bottom sheet that displays a graphic and some details about cryptocurrency
- <u>Utilized:</u> Expo CLI, React Native, Bottom-Sheet, Animated-Charts

Smart Traffic Optimization   ⟨⟩
Graduation Project   *2021-2022*
- Developed a model that performs image processing and object detection with Darknet
- Performed traffic light signaling for various intersections with the traffic density images taken from the simulation program
- Achieved a dynamic traffic model as a result of adaptive timed signaling according to the traffic density on a given road
- <u>Utilized:</u> Python, OpenCV Library, Google Colab, DarkNet, VISSIM

Activity Detection with Accelerometer
Project   *2021*
- Developed a system that allows pulling data from a file that includes body positions and acceleration
- Detected movement, walking, running, and climbing stairs activities of the users with an accelerometer data

SKILLS & INTERESTS

Programming Languages: JavaScript **|** C **|** Python **|** C++ **|** Matlab **|** Jupyter Notebook

Web Technologies: React **|** Next.js **|** Vue.js **|** Redux **|** Firebase **|** Okta **|** Axios **|** HTML **|** CSS **|** SASS **|** LESS **|** GIT **|** Bootstrap **|** Tailwind CSS **|** Styled Components **|** Responsive Design

Back-end Technologies: MongoDB **|** MySQL

Mobile Technologies: React Native **|** Flutter **|** Expo CLI

Design Tools: Figma **|** Adobe XD **|** Adobe Photoshop **|** Adobe Illustrator

Languages: Turkish *(Native)* **|** English *(Professional Working Proficiency)* **|** German *(Elementary P.)*

Personal Interests: Web Design **|** Photography **|** Graphic Design **|** Swimming **|** Volunteering