

Emre COBAN

Front-end Developer

📍 Samsun, Turkey

✉ emre@emrecoban.com.tr

🖱 emre.run

🔗 emrecoban.github.io

☎ +90 542 224 78 34

in emreshepherd



🛂 Visa needed for outside of Turkey.

Personal Statement

I am particularly drawn to **Next.js framework** for its ease of use and flexibility in the development process. I have been using computers since a young age, and have developed applications for web, mobile, desktop and browsers. As a lifelong learner, I always strive to do my best and can easily adapt to new technologies. I hold a Master's degree in Computer and Instructional Technology, and I am confident that my education and experience make me an ideal candidate for this position.

My last project is a SaaS project Randevum ("My appointment"), professionals such as doctors and psychologists can create their own personal profiles, schedule online appointments, and manage their guests. Visit it: <https://randevum.co> 📄

🔗 Next.js, React, JavaScript, Tailwind CSS, Bootstrap, HTML, CSS

Education

Computer Education and Instructional Technology, Amasya University

2018 – 2021

• **Master of Science**

Amasya, Turkey

• **GPA:** 3,66 / 4

• Developed a web app to measure Computational Thinking skills.

Computer Education and Instructional Technology,

2016 – 2018

Ondokuz Mayıs University

Samsun, Turkey

• **Bachelor of Science**

• **GPA:** 3,43 / 4

• Developed an android application for disabled people.

Computer Programming, Ondokuz Mayıs University

2013 – 2015

• **Associate of Science**

Samsun, Turkey

• **GPA:** 3,46 / 4

• Developed a CMS for values education.

Information Technology, Atakum Vocational and Technical High School

2009 – 2013

• **High School**

Samsun, Turkey

• **GPA:** 73,01 / 100

• Developed a program to Control PC via SMS.

Languages

Turkish (Native)

English (B2)

Awards

Honor Student, Ondokuz Mayıs University
2015

Experience

Reserve Officer, *Gendarmerie and Coast Guard Academy*

2021 Dec – 2022 Oct
Ankara, Turkey

- It was mandatory duty. Every male Turkish citizen is obliged.
- Conducted in-depth research on virtual reality, augmented reality, and mixed reality technologies to enhance training programs.
- Contributed as an editor for various studies, ensuring accuracy, clarity, and quality of written materials.
- Guided and collaborated with developers, providing expertise and support in the implementation of innovative projects.

IT Teacher, *Samsun Mesleki ve Teknik Anadolu Lisesi*

2017 Sep – 2018 May
Samsun, Turkey

- Facilitated instruction of Arduino to high school students, ensuring comprehensive understanding and skill development.
- Assessed student projects and assignments, providing constructive feedback and evaluating progress accurately.

Web Developer, *Side Internet and IT*

2014 Jun – 2014 Aug
Samsun, Turkey

- Web Developer, Side Internet ve Bilisim Teknolojileri
- I converted the designs in the format of PSD or PNG to HTML/CSS, and then coded in Classic ASP.

Web Developer, *Kayrasoft Software and IT*

2013 Jul – 2014 Apr
Samsun, Turkey

- Converted PSD and PNG designs into responsive HTML/CSS code, ensuring accurate representation of the original design.
- Developed corporate websites using Classic ASP, utilizing JavaScript and jQuery for enhanced functionality.
- Implemented database operations using MySQL and MS Access for efficient data management.
- Focused on creating user-friendly websites with simple CRUD operations to effectively showcase brand identity.
- Mentored and assisted interns in website development projects.

Web Developer, *KA Information Technologies*

2012 Jun – 2012 Nov
Samsun, Turkey

- Developed and implemented responsive corporate websites using HTML/CSS, converting designs from PSD or PNG formats.
- Utilized JavaScript and jQuery for enhanced functionality and user experience.
- Conducted database operations using MySQL, MSSQL, and MS Access for seamless data management.
- Focused on CRUD operations to streamline website functionality and brand presentation.
- Contributed to high-profile projects for government organizations, including monitoring construction projects in Turkey and tracking women's health across multiple cities.

Projects

Caption Meow, *Social Network*

An open-source social network that provides a daily creative challenge for cat lovers to come up with witty captions for cat photos while competing with other users.

- JavaScript
- React
 - React Router
 - React Firebase Hooks
- Vite
- Firebase
 - Authentication
 - Cloud Firestore

Dikey Geçiş Asistanı, *Android Application*

It is an Android app for the students who study the exam. The app is programmed in Java/Android Studio (Native), and was made for the students who study the exam. The students can calculate their scores, save the results of test, study math and Turkish, chat the other students, find new friends, and get notified about the exam etc. I've used Firebase, and my JSON API for registering, chatting, notifications.

- Java

Values Education, *Content Management System*

The project is a Content Management System for Values Education. As a teacher, you can add books and games for primary school students in the project. The students gain score through reading book, and then play games if the student's score is enough for the game.

Twitter Note, *Chrome Extension*

It is an open-source MIT-licensed Chrome and Brave browser extension that helps you to take notes about the people who you blocked, or muted.

- JavaScript
- chrome.storage API

Turkish Dictionary, *Web Application*

Türkçe Sözlük ("The Turkish Dictionary") is a digital platform that displays the meanings, properties, and usage of words in example sentences. The data source for the words included in the platform is sozluk.gov.tr.

- JavaScript
- React
 - React Router
- Vite

Projects

eksiShot, *Web Application*

A free tool that converts entries on [ekşi sözlük](https://eksi-sozluk.com) into images and takes screenshots of entry pages. [ekşi sözlük](https://eksi-sozluk.com) is one of most famous websites in Turkey.

- TailwindCSS
- React
- Axios
- Cheerio
- DOM to Image more
- Copy Image Clipboard

e-Government Favorites, *Chrome Extension*

e-Devlet Favoriler ("e-Government Favorites"), aims to save time for users of the Turkey e-Government Portal (turkiye.gov.tr) by allowing them to directly access their frequently used services from a list of favorite transactions, instead of having to search for them using the search box. This way, users can quickly and easily perform the transactions they need. Therefore, the extension's purpose is to assist turkiye.gov.tr users in making time-saving operations.

- JavaScript
- React
- Vite
- CRXJS
- Cheerio

Realtime Location Tracker, *Web Application*

With the help of JavaScript, Firebase Realtime Database, and HTML Geolocation API, this application allows users to track their current location in real-time and displays it on a map. It provides a seamless user experience and helps individuals keep track of their location without any hassle.

- JavaScript
- Firebase Realtime Database
- HTML Geolocation API
- Google Maps API

My Voice, *Android Application*

It is an Android app helps disabled people. The project's aim is to help disabled people to be able to communicate more easily with people who do not know sign language. Disabled people can play the ready sentences in the screen.

- Java

- JSON

Computational Thinking Score, Web Application
Computer Thinking Score is a web application that measures high school students' computational thinking skills.

- PHP
- MySQL
- Bootstrap

3Words, Social Network

3Words is a social network project, programmed in both Classic ASP and PHP. The first release was published in 2012. The users can write 3 words about themselves on their profiles each other in 3Words. The PHP version is better than the ASP version. It is not responsive unfortunately.

- PHP, MySQL
- Classic ASP, MS Access

More

Please, visit it: emrecoban.github.io and github.com/emrecoban.

Publications

- Extended Reality Technologies: Conceptual Framework and Use in Security** 2022 Nov
Erdal, H., Arslan, Ş, & **Çoban, E.** (2022). Genişletilmiş Gerçeklik Teknolojileri: Kavramsal Çerçeve ve Güvenlik Alanında Kullanım. H. Erdal (Ed.), In Genişletilmiş Gerçeklik Teknolojileri ve Güvenlik Uygulamaları (1st ed., pp. 1-43). Kriter Yayınevi.
- Bilgisayarca Düşünme Becerilerinin Ölçülmesinde Alternatif Bir Yaklaşım: Performans Tabanlı Ölçüm** 2021 Jun
Çoban, E. and Korkmaz, Ö. (2021, June). Bilgisayarca Düşünme Becerilerinin Ölçülmesinde Alternatif Bir Yaklaşım: Performans Tabanlı Ölçüm. İ. Önder (Ed.), In ERPA 2021 International Congresses on Education (p. 60). Sakarya.
- An alternative approach for measuring computational thinking: Performance-based platform** 2021
Çoban, E., & Korkmaz, Ö. (2021). An alternative approach for measuring computational thinking: Performance-based platform. Thinking Skills and Creativity, 42, 100929. <https://doi.org/10.1016/j.tsc.2021.100929>
- Technological Formation Scale for Teachers (TFS): Development and Validation** 2020
Erdoğan, C., **Çoban, E.**, Korkmaz, Ö., & Özden, M. Y. (2020). Technological Formation Scale for Teachers (TFS): Development and Validation. Participatory Educational Research, 8(2), 260-279. <https://doi.org/10.17275/per.21.39.8.2>
- Attitudes of IT teacher candidates towards computer programming and their self-efficacy and opinions regarding to block-based programming** 2020
Çoban, E., Korkmaz, Ö., Çakır, R. et al. Attitudes of IT teacher candidates towards computer programming and their self-efficacy and opinions regarding to block-based programming. Educ Inf Technol 25, 4097-4114 (2020). <https://doi.org/10.1007/s10639-020-10164-w>
- Technological Formation Levels of Teachers and Teacher Candidates** 2019 Oct
Erdoğan, C., **Çoban, E.** ve Korkmaz, Ö. (2019, October). Technological Formation Levels of Teachers and Teacher Candidates. Ş. Şentürk (Ed.), In Ondokuz Mayıs University International 100th Year Education Symposium (s. 90). Samsun: Ondokuz Mayıs University. <http://u100es.omu.edu.tr/>