

Emre COBAN *Front-end Developer*

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in emreshepherd

COVER LETTER

As an experienced Full Stack Developer, I am excited to apply for the React/JavaScript Developer position at your company. My career goal is to work in a reputable company and grow as a developer to eventually become a Senior Developer. Although I have worked as a Full Stack Developer at several small companies, I did not have the opportunity to use React in my projects. However, I have been teaching myself React and have developed multiple projects using this technology. These projects are available on my GitHub profile, where I also contribute to open-source projects.

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.

Thank you for considering my application. I am excited at the prospect of joining your team and contributing to the company's success.

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

EDUCATION

2018 – 2021

Amasya, Turkey

Computer Education and Instructional Technology, Amasya University

- **Master of Science**
- **GPA:** 3,66 / 4
- Developed a web app to measure Computational Thinking skills.

2016 – 2018

Samsun, Turkey

Computer Education and Instructional Technology, Ondokuz Mayıs University

- **Bachelor of Science**
- **GPA:** 3,43 / 4
- Developed an android application for disabled people.

2013 – 2015

Samsun, Turkey

Computer Programming, Ondokuz Mayıs University

- **Associate of Science**
- **GPA:** 3,46 / 4
- Developed a CMS for values education.

2009 – 2013

Samsun, Turkey

Information Technology, Atakum Vocational and Technical High School

- **High School**
- **GPA:** 73,01 / 100
- Developed a program to Control PC via SMS.

EXPERIENCE

12/2021 – 10/2022

Ankara, Turkey

Reserve Officer, Jandarma ve Sahil Güvenlik Akademisi

09/2017 – 05/2018

Samsun, Turkey

IT Teacher, Samsun Mesleki ve Teknik Anadolu Lisesi

I taught high school students about Arduino and evaluated the students' work.

06/2014 – 08/2014

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.

07/2013 – 04/2014

Samsun, Turkey

Web Developer, Kayrasoft Yazilim ve Bilisim Teknolojileri

I converted the designs in the format of PSD or PNG to HTML/CSS, and then developed corporate websites in Classic ASP. During the developing I used JavaScript and jQuery for effective results. For the database operations I used MySQL and MS Access. The websites I developed are programmed for simple operations such as presenting brand identity. Therefore, most of the time I worked on the operations of CRUD. Also I helped interns to develop websites.

06/2012 – 11/2012

Samsun, Turkey

Web Developer, KA Bilisim Teknolojileri

I converted the designs in the format of PSD or PNG to HTML/CSS, and then developed corporate websites in Classic ASP. During the developing I used JavaScript and jQuery for effective results. For the database operations I used MySQL, MSSQL and MS Access. The websites I developed are programmed for simple operations such as presenting brand identity. Therefore, most of the time I worked on the operations of CRUD. Outside of that I worked on a few projects for ministry and governorship. In one of the projects, the construction projects in Turkey were followed. In the other project, women's health in all of the city were followed.

PUBLICATIONS

11/2022

Genişletilmiş Gerçeklik Teknolojileri: Kavramsal Çerçeve ve Güvenlik Alanında Kullanım

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.

06/2021

Bilgisayarca Düşünme Becerilerinin Ölçülmesinde Alternatif Bir Yaklaşım: Performans Tabanlı Ölçüm

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.

2021

An alternative approach for measuring computational thinking: Performance-based platform

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>

- 2020 **Technological Formation Scale for Teachers (TFS): Development and Validation**
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>
- 2020 **Attitudes of IT teacher candidates towards computer programming and their self-efficacy and opinions regarding to block-based programming**
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>
- 10/2019 **Technological Formation Levels of Teachers and Teacher Candidates**
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/>

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 notify about the exam etc. I've used Firebase, and my JSON API for registering, chatting, notifications.

- Java

PROJECTS

ekşiShot, Web Application

A free tool that converts entries on ekşi sözlük into images and takes screenshots of entry pages. ekşi sözlük 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

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
- JSON

Computational Thinking Score, Web Application

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

- PHP
- MySQL
- Bootstrap

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 able to communicate more easily with people who do not know sign language. Disabled people can play the ready sentences in the screen.

- Java

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.

SKILLS

Problem Solving



Teaching



Working as a part of a team



Learning new things



LANGUAGES

Turkish

Native

English

B1

AWARDS

Honor Student, Ondokuz Mayıs University

2015