Alican Erdurmaz

Hello

When i wrote my first code, I realized I could tell computers what to do. I was fascinated.

As soon as I decided to be a software engineer, I stared to study Associate's Degree in Computer Programming at Celal Bayar University. After finishing computer programming, I started to study in Computer Science at Dokuz Eylul University. Now i'm in my second year of study.

I wanted to develop games when I first started to programming. I was learning Unity and C#. Developing games is fun, it's a pleasure to deal with game math and writing high performance code. But it was not enough. I wanted to make people's lives easier with quality software. So, i started to learn Frontend Development.
Especially in time of pandemic we realized that the world needs high quality software.

Nowadays, My current focus on JAMStack with Modern Javascript frameworks. I love writing software to solve problems, I love open source software communities. Rapidly growing software ecosystem and new things to learn continuously makes me love this job more.

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Toolbox

- Javascript
- Typescript
- React
- Svelte
- C/C++
- C#
- Firebase
- NodeJs
- GraphQL
- HTML/CSS

Education

2018 - 2022 | Bachelor of Science
Dokuz Eylul University
Computer Science

2016 - 2018 | Associate's Degree
Celal Bayar University
Computer Programming

Projects

Tv Series Chart   Github | Web
Data Visualization of Imdb Ratings.

QuickPoll   Github | Web
Fastest and easiest way to create real-time polls.

I wanted to learn Svelte and I started this project.

Writing Svelte is fun. It does most things right.

I used Firebase Firestore & Auth for develop rapid prototypes.

Firenote   Github | Web
Reliable, easy to use, fast and simple note-taking application.

I optimized Firebase Firestore Database for price.

I learned how to built PWA + TWA.

I improved my React, CSS and Typescript skills.

I realized Firestore has serious limitations, has huge bundle size and adding complexity to frontend code.

Thanks to Service Worker. I manage to decrease bundle size.

Wstfp-gui   Github
File transfer and messaging app over a local area network.

I learned how to handle highly reactive state management with performance. Thanks to React, it was easy to make.

I built memory optimized virtual list for chat UI.

I learned build and update Electron packages for Linux.

First, we used Node.js Event System and Child Process for communication with Go backend. But, it was hard to manage. So, we switched to WebSocket. It Worked.