

# Eray Alkış

FRONT-END DEVELOPMENT · BACK-END DEVELOPMENT

Bursa, Turkey

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*"It always seems impossible until it's done."*

## Work Experience

### Self-Employed

SOFTWARE DEVELOPER, FREELANCE

Remote

Jun. 2021 - Current

- Met strict deadlines while keeping code quality and productivity high.
- Introduced Test Driven Development practices to projects, increasing productivity and reducing technical debt.
- Improved scalability by utilizing STaaS(Storage as a Service) providers such as AWS S3.
- Leveraged knowledge in Git, Ruby, Ruby on Rails, Python, Django, Java, Spring, PostgreSQL and many other tools.

### Agentnoon Inc.

JUNIOR FULL-STACK DEVELOPER, FULL-TIME

Remote

Jun. 2022 - Nov. 2022

- Increased user conversion rate by developing a new onboarding flow.
- Enhanced user experience by refactoring and implementing HRIS API integrations for syncing employee data.
- Implemented employee analytics, improving the user conversion rate and product-market fit as a result.
- Leveraged knowledge in Tailwind, JavaScript, Vue.js, Vuex, Firebase, Cloud Functions

## Projects

### Song Sharing App

SOLE DEVELOPER

November 2021

- Reduced app load times by utilizing eager loading on the backend to avoid  $N + 1$  queries.
- Implemented integration for AWS S3, enhancing backend scalability and performance as a result.
- Reduced number of calls made to the database by devising polymorphic model relationships.

### ToyScape

SOLE DEVELOPER

Nov. 2021 - Current

- A downloader app for the popular original content sharing site Toyhou.se.
- Enhanced home page load times by leveraging Webpack to reduce bundle size.
- Improved download speeds by utilizing complex algorithms, reducing zipping time for files from  $O(n^2)$  to  $O(n)$ .
- Increased limit of concurrent backend requests by porting app from Ruby on Rails to Gin.

### To-Do Tracking App

SOLE DEVELOPER

December 2021

- Enhanced user experience by implementing smart API triggers which update user data seamlessly on each action.
- Refactored event handler functions, leveraging React.js refs to increase performance from  $O(n)$  to  $O(1)$ .
- Implemented token based authentication from scratch by leveraging bcrypt functions.

## Education

### Muğla Sıtkı Koçman University

B.S. IN ENGLISH INTERPRETATION AND TRANSLATION

Muğla, Turkey

Oct. 2020 - June 2024

- Noteworthy courses: Introduction to Information Technology, Introduction to Computer Hardware and Software.

### App Academy

FULL-STACK WEB DEVELOPMENT

Remote

Jan. 2021 - June 2021

- Rigorous 1000-hour full stack web development course.
- Teaches full-stack web development: Rails, SQL, JavaScript, React.JS, MERN Stack, TDD and Algorithms.
- Took additional classes on: Data Structures and Algorithms, MERN Stack, GraphQL.

### The Odin Project

FULL-STACK WEB DEVELOPMENT

Remote

Feb. 2021 - Apr. 2021

- Self-paced web development course.
- Teaches full-stack web development: Rails, SQL, JavaScript, React.JS, TDD, Algorithms and Accessibility.