

Eray Alkış

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Skills

- **Programming Languages:**
 - Ruby, Ruby On Rails, HTML5, CSS3, JavaScript, SQL, C#/ASP.NET (Learning)
- **Other Tools:**
 - React, Node.js, PostgreSQL, SQLite, Jest, Capybara, RSpec, Git

Projects

- **To-Do Tracking App** | [Code](#) | [Demo](#)
 - Devised a seamless and efficient SQL update trigger using JavaScript and AJAX calls, thus enhancing the user experience.
 - Designed a Drag and Drop functionality from scratch, enabling users to freely reorder their To Do lists easily.
 - Redesigned app later on to use an optimized and secure external Drag and Drop library instead, increasing app security as well as app speed by ~20% as a result.
 - Implemented a seamless front-end User authentication through AJAX requests made to the Rails API.
- **JavaScript Downloader App** | [Code](#) | [Demo](#)
 - Built a web-scraping REST API from scratch to efficiently gather data from the desired site.
 - Maximized app performance by using the JavaScript async/await pattern during the download process, achieving a performance increase of ~30%.
 - Implemented an efficient use of JavaScript promises to handle the bulk downloading of many images at once.
- **Media Sharing App** | [Code](#) | [Demo](#)
 - Enhanced the Like and Follow functionalities by rewriting their AJAX requests, thus achieving a smoother user experience.
 - Implemented optimized SQL queries that avoid N+1 queries to maximize performance.
 - Expanded database stability by introducing uniquely indexed records to ensure spam queries don't block up the Rails server.

Experience

Freelance Software Engineer | 06/2021 - Present

- Built production-grade fullstack apps for clients and garnered positive feedback.
- Managed scalable cloud and database services on AWS.
- Developed SPA(Single Page App)'s with Ruby on Rails & React.js and met client expectations.
- Formulated efficient REST API's to improve client satisfaction.
- Collaborated with clients for architectural decisions to mitigate technical debt.
- Created maintainable and reusable code with privacy and security as a priority.
- Composed readable and simple to follow documentation.
- Worked on multiple projects at once and met strict deadlines by creating concise project plans.

Education

App Academy

Full-Stack Development | 06/2021

- 1000-hour immersive full-stack web development course.
- Teaches full-stack web development: Ruby On Rails, SQL, JS, React, TDD, algorithms, design patterns, and programming best practices.

The Odin Project

Full-Stack Development | 06/2021

- Self-paced, in-depth full-stack web development course.
- Courses include: Ruby On Rails, SQL, JS, React, algorithms and programming best practices.

Muğla Sıtkı Koçman University | Muğla

English Interpretation and Translation | 06/2024

- Curriculum Highlights:
 - Intro to Information Technologies
 - Hardware and Software Basics