

Firat Atalay

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EDUCATION

Recep Tayyip Erdogan University

Rize, Turkey

B.Sc. in Computer Engineering

Sep 2021

Academic Focus: As a motivated and ambitious 3rd-year Computer Science student, I possess a strong foundation in programming, data structures, algorithms, and software development. My academic journey is complemented by hands-on experience through engaging projects in web development and mobile applications. With a keen eye for detail and a passion for technology, I am eager to bring innovative solutions and fresh perspectives to dynamic development teams.

SKILLS

Languages: JavaScript, TypeScript, CSS, Html, SQL, MATLAB, C#, Java, C/C++

Technologies: React.js, Next.js, Remix, React-Native, Tailwind-Css, Sass, Node.js, MySQL, MongoDB, Git

Methodologies: Agile, Scrum, OOP, Functional Programming, DevOps, CI/CD, TDD

RELEVANT EXPERIENCE

Stackademic

Istanbul, Turkey

Frontend Technology Expert and Writer

Dec 2024 – Present, Full-time

- * Upon receiving an invitation from the editor of In Plain English, I began writing educational articles on JavaScript and React for Stackademic, a new publication with over 3M monthly views and 70K+ subscribers, providing me the opportunity to reach a wide audience.
- * Creating in-depth content on modern frontend technologies and advancements.
- * Writing articles covering a wide range of topics, including JavaScript, HTML, CSS, as well as popular frameworks like React, Vue.js, Angular.
- * Tailoring my articles to cater to developers at every level, providing insights into the latest trends and best practices.
- * Engaged with the developer community through informative content, tutorials, and code examples.

Freelance

Istanbul, Turkey

Frontend Developer

Dec 2020 – Present, Full-time

- * I have developed customized and user-friendly web applications using modern web technologies to meet customer needs.
- * I designed impressive and responsive user interfaces using technologies such as JavaScript, TypeScript, React, Redux, HTML5, CSS3, Sass, and Bootstrap.
- * I ensured data management and security through RESTful APIs, optimized CI/CD processes, and completed projects on time and within budget.
- * I curated a compelling portfolio on firatatalay.me, where I showcased a range of impactful projects that reflect my passion and expertise in frontend development. Among these, one notable real-world application stands out: The Forkify App. This project encapsulates not just my technical skills but also my ability to solve real-world problems creatively and effectively. Through these projects, I aim to connect with people on a human level, showing how technology can enhance experiences and make a positive impact on users' lives.

PROJECTS

Today I Learned | [GitHub](#)

- This project is a platform created for sharing daily knowledge and facts. I managed data using React and Supabase, making it easy for users to share their daily information. During the project development process, I optimized the component-based structure by effectively using React Hooks (useState, useEffect) and improved the user experience. Additionally, I designed the user interface using CSS, enhancing the project's visual appeal.

Skills I gained while developing this project include data management, effective use of React Hooks, user interface design, and user experience optimization. Moreover, by working with modern technologies like React and Supabase, I adapted to current technology trends and improved my project management skills. These experiences strengthened my ability to successfully develop real-world applications and enhanced my capability to provide innovative solutions.

The Far Away Project | [GitHub](#)

- In this project, I delved into mastering state management in React, focusing on efficient handling of state variables, deriving state where necessary, and establishing seamless communication between child and parent components. I employed React's state hooks like `useState` and `useEffect`, honing my ability to create dynamic user interfaces and manage complex application states effectively. Additionally, I implemented prop drilling techniques and explored context API for more streamlined data flow across components, enhancing my proficiency in architecting scalable React applications. This experience not only enriched my understanding of React's core principles but also equipped me with the skills to tackle more intricate software development challenges with confidence.

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The Forkify App | [GitHub](#)

- The Forkify App encompasses everything I've learned, including topics like classes, modules, promises, `async/await`, and tools like `Parcel`. Additionally, by focusing on project architecture and flow diagrams, I developed a deep understanding, making me more confident and ready to develop applications independently. Forkify is a significant milestone that highlights my technical skills and passion for offering innovative solutions.

The Mapty Project | [GitHub](#)

- The Mapty Project stands as a testament to my journey in software development, encapsulating a culmination of advanced skills and practical knowledge. Leveraging concepts such as functions, arrays, and object-oriented programming, I seamlessly integrated geolocation functionalities and third-party libraries to create a robust and user-friendly application. However, beyond technical prowess, this project honed my ability to plan strategically, make informed decisions, and tackle complex problems head-on. It exemplifies not only my technical expertise but also my capacity to deliver real-world solutions independently, making it a standout achievement in my portfolio.

The Bankist App | [GitHub](#)

- The Bankist App is a monumental project that showcases my prowess in software development. This repository encompasses a comprehensive range of functionalities, including advanced banking features, secure transaction handling, user authentication mechanisms, and intuitive user interfaces. Leveraging modern technologies such as JavaScript, React, Redux, and RESTful APIs, I have crafted a robust and efficient banking application that prioritizes user experience and data security. This project not only demonstrates my technical skills but also reflects my commitment to delivering innovative solutions that meet the highest industry standards.

The Natours Project | [GitHub](#)

- The Natours project was an important learning experience for me in creating complex designs using pure CSS. I initially started the project using pure CSS and then transitioned everything to Sass, which was very beneficial. Managing a large codebase with Sass became more manageable, leading to faster development and increased code readability. This project taught me two valuable lessons: first, the ability to create impressive designs using pure CSS, and second, the efficiency and clarity of writing these designs in Sass with minimal code.

The Pig Game Project | [GitHub](#)

- In the Pig Game project, I developed a more advanced game using DOM manipulation and my moderate JavaScript knowledge. The key takeaway from this project was learning how to think algorithmically like a real programmer and implement solutions in the simplest and shortest manner possible.