

# Mustafa Dalga Front End Engineer

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With 6+ years of experience, specializing in application performance and modernization. Proven track record migrating legacy systems (Vue 2 to Next.js) and delivering measurable performance gains, including reducing page load times by 80% (Lighthouse 50 to 88). Experienced in technical mentorship, architectural design, and modern frameworks (React/Next.js, TypeScript).

## SKILLS

React.js, Next.js, TypeScript, JavaScript, HTML5, SCSS, CSS3, Tailwind CSS, Redux Toolkit, Zustand, Vitest, Testing Library, Figma

## PROFESSIONAL EXPERIENCE

**Striga, Front End Developer** 01/2025 - 11/2025 | Estonia

*Technologies: TypeScript, React.js, Remix, Next.js, Zustand, Tailwind CSS*

- Rebuilt and redesigned Striga’s customer portals and internal compliance dashboards, delivering five projects focused on crypto and banking services.
- Redesigned the Testing Portal and Production Console to improve usability and scalability for managing IBANs, crypto, and Visa Cards.
- Developed the white-label business app and the embedded Striga Card application.
- Engineered and maintained TypeScript and React/Next.js dashboards for regulated financial and crypto operations, creating modern, scalable user interfaces across projects including [Console](#), [Portal](#), white-label app, and card integration UI.

**We Work Freelance, Front End Developer** 01/2025 - 07/2025 | Estonia

*Technologies: TypeScript, Vue JS, Nuxt.js, Pinia, HTML5, SCSS, CSS3, Bootstrap*

- Worked on a major U.S.-based online marketplace platform where sellers list products and buyers shop online.
- Improved the Buyer website’s Lighthouse performance score from 50 to 88, directly impacted user experience and potential SEO ranking.
- Cut initial page load times by 80% by removing files that blocked the page from showing up. This reduced the load time for key pages (like Search and Cart) from 7 seconds to under 1 second and dropped the Home Page’s DOMContentLoaded time from 822ms to 231ms.
- Engineered a 30%+ reduction in application bundle size through comprehensive optimization, including tree-shaking, lazy-loading components, removing unused libraries (Google Maps, Popper.js), and replacing inefficient packages (e.g., Moment.js with date-fns).
- Made the code much easier to maintain by breaking down large components into smaller pieces. I also cleaned up the styling by moving CSS from one big file into individual component styles and used PurgeCSS to remove over 50% of unused Bootstrap code.
- Improved search performance and stability by optimizing Algolia’s implementation. I fixed bugs, managed search-related data and filters, and created custom components to efficiently use Algolia features.

**Heybooster, Front End Developer** 09/2020 - 01/2025 | Turkey, Estonia

*Technologies: JavaScript, TypeScript, React.js, Next.js, Zustand, Webpack, Vite.js, Vitest, Testing-library, HTML5, SCSS, CSS3, Tailwind CSS, react-query*

- **Standardized Development & Quality** : Implemented ESLint, Prettier, EditorConfig, Husky, and unit testing to ensure code consistency and quality.
- **Performance Optimization & Legacy Code Modernization**: Improved web performance by 70% and modernized legacy code using clean code principles and best practices to enhance readability and maintainability.
- **Testing & Error Resolution**: Implemented Vitest, Testing Library, and Sentry for proactive error monitoring, rigorous testing, and bug resolution.
- **Team Collaboration & Mentorship**: Guided junior developers, introduced code documentation with Vitepress and tsdoc, and improved team efficiency.
- **Project Migration Leadership**: Led migration of two legacy projects to React.js/Next.js, achieving 50% performance gain.
- **Front-End Team Leadership & Deployment Automation**: Led front-end development across multiple projects, managing end-to-end processes, implementing Amplify Pipelines for CI/CD, unit testing, and end-to-end test automation to ensure streamlined workflows and high-quality delivery.
- **Implemented Mobile-First Responsive Design**: Ensured seamless cross-device accessibility.

**Free Software and Open Source Developer, Software Developer** 02/2019 - 10/2020 | Turkey

*Technologies: Javascript, Typescript, React.js, JQuery, HTML5, CSS3, Bootstrap*

- **Broad Technology Skillset**: Experienced with a wide range of technologies.
- **Varied Project Portfolio**: Developed games, a generator, a quiz app, and a forex exchange platform.

Technologies: Javascript, JQuery, HTML ,CSS, Bootstrap

- **Privateprocare.com Development:** Designed and implemented a user-friendly platform.
- **Enprestis.com Platform Development:** Created a web-based human resource management platform.

Technologies: Javascript, JQuery, HTML, CSS, Bootstrap

- **Full-Stack Web Development:** Developed web applications.
- **Front-End Bug Resolution:** Ensured high-quality applications through effective bug fixing.
- **Legacy Code Enhancement:** Improved maintainability and efficiency of legacy systems, resulting in fewer bugs and stable operation.

EDUCATION

Marmara University, Bachelor in Computer Education and Instructional Technology (CEIT)

GPA: 3.22 / 4.0 | 84.7 / 100 | June 2020 | Turkey

Demonstrated top proficiency in software development within the program.

CERTIFICATES

[Cambly Certificate of Accomplishment](#)

[Certificate of Completion | English Language](#)

LANGUAGES

English C1, advanced

Turkish native

PROJECTS

- [Othello - Realtime 2 Player Mind Game](#) (Next.js, Express.js, GraphQL, Apollo Client , Apollo Server)
  - [Realtime 2 Player Mangala Mind Game](#) (Next.js, firebase)
  - [SkyScraper Mind Game](#)
  - [CV Terminal Builder](#)
  - [Educational ABC Logic Puzzle](#)
  - [Tooltip Generator](#)
- [Vite Plugin - React.js Remove Attributes](#)
  - [Tactix | Real Time Two Player Intelligence Game](#)
  - [Realtime 2 Player Connection Mind Game](#)
  - [Rock Paper Scissors Bet Game](#)
  - [Pyramid Mind Game](#)