

# Mustafa Dalga Front End Engineer

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[gist.github.com/mustafadalga](https://gist.github.com/mustafadalga) | Tallinn, Estonia

With 6 years in front-end development, I specialize in optimizing application performance and bringing legacy systems up to date. I have experience migrating to modern frameworks like react.js and next.js, and I enjoy mentoring, sharing knowledge, and contributing to open-source to stay current with industry trends.

## 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 - present | Estonia

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

- Rebuilt, restructured, and redesigned Striga’s customer portals and card apps, delivering five key projects: full redesign of the testing Portal and production Console, development of the white-label business app, and the embedded Striga Card application, creating modern, scalable dashboards and user-friendly UIs.

Rivly, Front End Developer

01/2025 - 07/2025 | Estonia

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

- 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.

Private Procure Health Services, Front End Developer

08/2017 - 02/2019 | Turkey

Technologies: Javascript, Jquery, HTML ,CSS, Bootstrap

- Privateprocure.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](#)