

Mustafa Dalga Front End Engineer

mustafadalga@gmail.com | linkedin.com/in/mustafadalga | github.com/mustafadalga | sft.hashnode.dev | npmjs.com/~mustafadalga
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 major projects.
- Led full redesigns of the Testing Portal and Production Console.
- Developed the white-label business app and embedded Striga Card application.
- Created modern, scalable dashboards and intuitive, user-friendly interfaces.
- Projects: [Console](#), [Portal](#), white-label app, card integration in UI.

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.

Vision Digital, Software Developer

04/2017 - 08/2017 | Turkey

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](#)