

# Mustafa Dalga Front End Engineer

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[npmjs.com/~mustafadalga](https://npmjs.com/~mustafadalga) | [gist.github.com/mustafadalga](https://gist.github.com/mustafadalga)

Experienced front-end engineer with 6 years in JavaScript, specializing in **React.js**, Next.js, and Tailwind CSS. Skilled in building performant, user-friendly web applications and contributing to open-source projects.

## Skills

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

## Professional Experience

[Heybooster](#), Front End Developer 09/2020 - present

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

### Key Responsibilities and Achievements:

- **Standardized Development Environment for Team Consistency:** Implemented ESLint, Prettier, and EditorConfig, with Husky for pre-commit linting, unit testing, and type-checking.
- **Leadership in Code Sustainability:** Directed the maintenance of front-end projects, laying down a sustainable architectural foundation to ensure the longevity and resilience of applications.
- **Mobile-First Responsive Design:** Initiated the transformation of non-responsive designs into responsive ones, elevating user accessibility across various devices.
- **Performance Enhancement:** Amplified site performance by 70%, refining site transitions for optimal user experience.
- **Testing & Quality Assurance:** Implemented unit tests using Vitest and Testing Library. Resolving multiple bugs to maintain top-tier user experience standards.
- **Code Documentation:** Introduced Vitepress, documentation.js, and tsdoc for organized code documentation, instilling a consistent documentation ethos within the team.
- **Productivity Advocate:** Spearheaded initiatives that bolstered team productivity, emphasizing best practices and streamlined workflows.
- **Refactoring Legacy Code:** Modernized legacy code by enforcing clean code principles, boosting code readability and maintainability.
- **State Management:** Leveraged Zustand for scalable state management in Next.js 13 projects.
- **Migration Leadership:** Successfully migrated two legacy projects to **Next.js 13**, achieving a 50% performance increase.
- **Rigorous Quality Checks:** Conducted thorough tests on all enhancements and bug rectifications to assure application robustness throughout the software development lifecycle.
- **API & Form Handling:** Integrated react-query for API requests and harnessed react-hook-form for form functionalities.
- **Mentorship:** As a seasoned developer, I've taken on the role of mentor, guiding two junior front-end developers, ensuring they are equipped with the knowledge and skills to thrive in their roles.
- **Error Tracking with Sentry:** Monitored errors using Sentry and promptly resolved them to maintain application stability.
- **Amplify Pipeline Deployment:** Configured and deployed applications through Amplify Pipeline, streamlining the deployment process.
- **Front-End Project Management:** Management and development of front-end projects, including [app.heybooster.ai](#), [heybooster.ai](#), and internal projects.

[Free Software and Open Source Developer](#), Software Developer 02/2019 - 10/2020

**Technologies:** Javascript, Vue.js, JQuery, Python, PHP, HTML5, CSS3, Bootstrap

### Responsibilities:

- **Engineered** a range of projects using diverse technologies, gaining broad experience in JavaScript, Vue.js, C#, Python, PHP, HTML5, CSS3, and Bootstrap.

- **Produced** innovative projects such as a Real-Time Two Player Intelligence Game, Connection Four Two Player Intelligence Game, Generator, Quiz Application, and Forex Exchange, demonstrating a diverse skill set and the ability to develop complex applications.

Private Procure Health Services, Front End Developer08/2017 - 02/2019

Technologies: Javascript, JQuery, HTML , CSS, PHP

Responsibilities

- **Designed and implemented** [privateprocure.com](#) using HTML, CSS, and JavaScript, creating a robust and user-friendly platform to serve the company's needs.
- **Developed** a web-based human resource management platform, [enprestis.com](#), showcasing the ability to create functional and efficient management tools.

Vision Digital, Software Developer04/2017 - 08/2017

Technologies: PHP, Pure Javascript, JQuery, HTML , CSS

Responsibilities

- **Led** development projects, demonstrating proficiency in PHP, JavaScript, jQuery, HTML, and CSS.
- **Resolved** front-end development bugs, ensuring the delivery of high-quality, reliable web applications.
- **Enhanced** legacy code, significantly improving maintainability and efficiency, which led to fewer bugs and more stable operation.

Projects

- [Othello - Realtime 2 Player Mind Game](#)
  - [Realtime 2 Player Mangala Mind Game](#)
  - [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](#)

Education

GPA:3.22 / 4 | | 84.7 / 100, Marmara University06/2020

CEIT(Computer Education and Instructional Technology)Turkey

Certificates

- [Cambly Certificate of Accomplishment](#)
- [Certificate of Completion | English Language](#)