







# Mustafa Dalga Front End Engineer

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I am a skilled front-end engineer with 6 years of experience in JavaScript. I specialize in creating user-friendly web applications, optimizing performance, and contributing to open-source projects. My expertise includes JavaScript, TypeScript, Vue.js, React.js, Next.js, and Tailwind CSS, among others.


## Skills

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- **Frameworks/Libraries:** Vue.js, React.js, Next.js
- **Languages:** TypeScript, JavaScript, HTML5, HTML
- **CSS Preprocessors/Frameworks:** SCSS, CSS3, Tailwind CSS
- **State Management:** Vuex, Pinia, Redux Toolkit, Zustand
- **Testing Libraries:** Vitest, Testing Library, Vue Test Utils
- **Other:** Figma, Adobe XD

## Professional Experience

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**Heybooster, Front End Developer** 

09/2020 – present

**Technologies Used:** JavaScript, TypeScript, Vue JS, React.js, Next.js 13, Vuex, Webpack, Vite.js, Vitest, Testing-library, Vue Test Utils, HTML5, SCSS/CSS3, Tailwind CSS, VitePress, Sentry, documentation.js, Tsdoc standards

### Key Responsibilities and Achievements:

- **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, Testing Library, and Vue Test Utils, 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:** Utilized Vuex for crafting and handling Vuex modules in Vue projects and adopted Zustand for state management in the new Next.js 13 project.
- **Migration Leadership:** Led the migration of two legacy Vue2 projects to Vue3 and Next.js 13, achieving 25% and 50% performance gains respectively. Skillfully addressed challenges and integrated new technologies seamlessly.
- **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 Developer** 

08/2017 – 02/2019

**Technologies:** Pure 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.

**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

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

**Realtime 2 Player Mangala Mind Game** [↗](#)

**SkyScraper Mind Game** [↗](#)

**CV Terminal Builder** [↗](#)

**Educational ABC Logic Puzzle** [↗](#)

**Pyramid Mind Game** [↗](#)

**Nuxtfolio** [↗](#)

**Vite Plugin - React.js Remove Attributes** [↗](#)

**Vite Plugin - Vue.js Remove Attributes** [↗](#)

**Tactix | Real Time Two Player Intelligence Game** [↗](#)

**Realtime 2 Player Connection Mind Game** [↗](#)

**Rock Paper Scissors Bet Game** [↗](#)

**Forex Exchange** [↗](#)

**Computer Lab Automation** [↗](#)

**Music Player** [↗](#)

## Education

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**GPA:3.22 / 4 | | 84.7 / 100**, Marmara University  
CEIT(Computer Education and Instructional Technology)

06/2020  
İstanbul, Turkey

## Certificates

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• Cambly Certificate of Accomplishment [↗](#)

• Certificate of Completion | English Language [↗](#)