Mustafa Dalga Front End Engineer

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I am a front-end developer with 6 years of experience improving application performance (up to 70%), modernizing legacy systems, and ensuring code quality through testing and tools like ESLint, Prettier, and Husky. I've migrated projects to modern frameworks like Vue3 and Next.js, and I enjoy mentoring, sharing knowledge, and contributing to open-source to stay current with industry trends.

Skills

Vue.js, React.js, Next.js,TypeScript, JavaScript, HTML5, SCSS, CSS3, Tailwind CSS, Vuex, Pinia, Redux Toolkit, Zustand, Vitest, Testing Library, Vue Test Utils, Figma

Professional Experience

Heybooster, Front End Developer   09/2020 - present

Technologies: *JavaScript, TypeScript, Vue JS, React.js, Next.js, Vuex, Webpack, Vite.js, Vitest, Testing-library, Vue Test Utils, 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, 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 Procare Health Services, Front End Developer   08/2017 - 02/2019
Technologies: Javascript, Jquery, HTML , CSS, PHP

Responsibilities

- **Designed and implemented** privateprocare.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 Developer   04/2017 - 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
- Pyramid Mind Game
- Computer Lab Automation
- Music Player

- 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

Education

GPA:3.22 / 4 | | 84.7 / 100, Marmara University   06/2020
CEIT(Computer Education and Instructional Technology)   Turkey

Certificates

Cambly Certificate of Accomplishment   Certificate of Completion | English Language