James DeMarco

Software Engineer

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PROFESSIONAL PROFILE

As a software engineer, collaborate with Product Owners, Architects, and fellow Scrum team members in an Agile environment to create reusable and configurable components for products. Over eight years of experience in software engineering, with a focus on UI development and design, along with a web development certificate from Ramapo College of New Jersey.

Passionate about creating interactive dashboards, data visualizations, and dynamic experiences that meet user needs and expectations. Utilize React, TypeScript, Jest, UI, and UX principles to deliver high-quality code, optimize performance, and ensure accessibility.

Provide leadership and proactively introduce improvements to the architecture, code, tools, pipelines, and processes. Always eager to learn new skills, innovate when opportunities arise, automate when possible, confront challenges head-on, and create something to be proud of.

Core Competencies:

- **Development**: React JS, Redux, Next JS, JavaScript, TypeScript, Node JS, GraphQL
- **Testing**: Jest, React Testing Library, Cypress, Storybook
- **Design**: HTML, CSS, Tailwind CSS, Figma, WCAG
- **Management**: JIRA, Agile, Scrum, Kanban
- **Tools**: Git, GitHub, Vercel, Jenkins, AWS, Docker, LaunchDarkly, Adobe Analytics, SonarQube

WORK EXPERIENCE

VESTMARK, Wakefield, MA   04/2022 – 02/2024

UI Engineer (Remote)

Collaborated with product owners and software engineers in an Agile environment across multiple teams to understand user requirements and create single-page applications by creating reusable and configurable components in React that met product and user experience requirements for the VAST platform.

- Contributed to the development of interactive dashboards, data visualizations, and dynamic experiences through tight collaboration with product designers and project team members.
- Provided leadership and proactively introduced improvements to architecture, code, tools, pipelines, and processes.
- Championed the developer experience by adhering to the organization's code quality standards and providing feedback to uphold these standards.
- Leveraged strong architecture, implementation, and UX skills to create and enhance a common framework and toolset for all Vestmark products and engineers.

OPTIMIZELY, Nashua, NH   06/2021 – 04/2022

Software Engineer II (Remote)

Coordinated with engineering and product team to identify and contribute major features to the platform as well as designed and built the experiences that enabled customers to manage experiments throughout experimentation product suite.

- Built open-source Flux implementation using Immutable.js data structures.
- Wrote ES2015 and leveraged Webpack and Babel to deliver an application written with clean code delivered to users.
- Created React components and Sass code that were reusable, generic, and lived standalone in freely available OUI library.

EXPRESS SCRIPTS/CIGNA, Franklin Lakes, NJ   09/2015 – 06/2021

Software Engineer (Hybrid)

Worked on Agile teams to deliver multiple consumer-facing products developed in React. These reached and improved the lives of millions of members throughout the country while also implementing tools to track analytics and run A/B tests, which led to increased member satisfaction and conversion rates, along with the optimization of several applications.

- Engaged in cross-team collaboration to assist other developers with React JS and Redux work, engaged with UX partners, upheld company standards, and increased knowledge transfer throughout software organization.
- Led efforts to make applications more accessible by following the WCAG 2.0 guidelines to enhance the user experience for disabled and visually impaired users.
- Onboarded new team members and mentored them in systems and processes used by the team.
- Took the initiative to help future-proof the applications by upgrading internal and external core dependencies that increased performance, decreased amount of code used, and avoided possible breaking changes.

EDUCATION

Bachelor of Science, Information Systems, RAMAPO COLLEGE OF NEW JERSEY, Mahwah, NJ (2013)

- Graduated with 3.32 GPA.