**Vanessa Martin** | vanessa.s.martin96@gmail.com

Hayward, CA 94542 | (510) 929-6347

https://www.linkedin.com/in/vsm1996 | https://github.com/vsm1996

<https://vsm-portfolio.vercel.app/>

**SUMMARY**

Highly skilled Front-End Engineer with a passion for creating exceptional user experiences and a track record of delivering innovative web applications. Proficient in React, Next.js, and JavaScript, with a strong understanding of UI/UX design principles. Experienced in optimizing websites for performance and SEO. Adept at collaborating with cross-functional teams to drive projects from concept to completion. Committed to continuous learning and staying up-to-date with industry trends.

**PROFESSIONAL EXPERIENCE**

**PLAYSTATION,** San Mateo, CA 2022 - 2024

**FRONT END ENGINEER**

**•** Led the successful migration of older PlayStation.com frontend from jQuery and AEM infrastructure to modern React/Next.js and Storybook infrastructure, resulting in improved site performance and maintainability.

* Maintained and enhanced various omni-channel/marketing websites and tools, contributing to increased user engagement and retention.
* Coordinated the creation of the annual PlayStation year-end wrap-up, receiving positive feedback from millions of users.

Technologies used: NextJS, ReactJS, Storybook, CSS/SCSS, JavaScript, Ruby, Jest, Postman, Adobe Experience Manager (AEM), Netlify

**ALEPH, INC.,** San Francisco, CA 2021 - 2022

**FRONT END ENGINEER**

* Developed pixel-perfect front-end web applications connected to a headless WordPress content management system, ensuring seamless and consistent delivery of client UI designs.
* Implemented metrics (Lighthouse) to improve SEO and page loading performance, resulting in a 20% increase in organic traffic.
* Introduced TypeScript to the team, reducing bugs and improving code quality across projects. **•** Streamlined the development process by creating a company front-end boilerplate and setting up CI/CD pipelines for multiple staging environments.

Technologies used: NextJS, React, CSS/SCSS, JavaScript, Jest, Postman, WordPress, Google Cloud Run, BuddyCI, Vercel, Docker

**ALTAIR ENGINEERING, INC.,** Oakland, CA 2019 – 2020

**SOFTWARE TEST ENGINEER**

* Spearheaded the complete redesign of testing automation from manual to fully automated API, UI end-to-end, and unit testing, achieving 100% code coverage and faster release cycles.

**•** Integrated API tests into the CI/CD process on an automated Jenkins server, ensuring consistent testing during cloud releases.

* Revamped automation procedures, making them more robust and user-friendly, resulting in reduced onboarding time for new team members.

Technologies used: Python, Javascript, Node.js, Enzyme, Jest, Mocha/Chai, Postman, Runscope, Jenkins

**VIDA & CO.,** San Francisco, CA 2018 – 2019

**WEB DEVELOPER**

* Developed pixel-perfect UIs from mockups, managing the Shopify web application and contributing to the hiring process.
* Enhanced the database system, leading to faster product rebuilds and improved customer experience.
* Led the SEO optimization efforts, resulting in a 15% increase in organic search traffic. **•** Created a new user-facing e-commerce dashboard with a modern UI design.

Technologies used: Javascript, React, Node.js, HTML, CSS, Sass, Adobe Photoshop / Scripting, Illustrator, JSON, Ajax

**RECENT PROJECTS**

*The Traveler*– https://thetraveler.vercel.app/ | 2024

* A website to display latest travel and aviation news using NextJS 14, Tailwind, and DaisyUI.

*Soka Gakkai Internet Practitioners*– https://sgip.vercel.app/ | 2024

* Built a social media site for a global Buddhist organization using NextJS 14, Tailwind, DaisyUI, Prisma, and Node.

*Siena Analytics*– https://sienaanalytics.com/ | 2021

* Built the marking site for a global shipping AI company using Next.js, CSS/SCSS, GraphQL, WordPress, and Node.

**•** Collaborated with the team to ensure the site met client requirements and was delivered within the project timeline.

*Nium*– https://nium.com/ | 2021

* Developed the main site for an international fintech corporation using Next.js, CSS/SCSS, GraphQL, WordPress, and Node.

**•** Ensured the website was mobile-responsive and optimized for performance.

**EDUCATION California State University, East Bay,** Hayward, CA 2014 - 2020 **BS - Computer Science -** Focus: Software Development **Coding Dojo,** Emeryville, CA 2018 **Full-stack Web Development -** Stacks: Web Fundamentals, JavasScript (MEAN), Python, Java