Bret Petersen

Full-Stack Developer

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Highly adaptable professional with comprehensive experience designing and developing robust and scalable web applications in fast-paced environments.

Skilled in front-end and back-end development, with a focus on building dynamic user interfaces using HTML5, CSS3, and JavaScript. Committed to producing high-quality, scalable, and maintainable code while continuously updating skills to stay current with web development trends; also a strong communicator and effective team player.

Areas of Expertise

- Front-End Web Development
- Responsive Design Techniques
- Cross-Browser Compatibility
- Web Performance Optimization
- UX/Graphic Design
- Web Animation
- Process Improvement
- Teamwork & Collaboration
- Troubleshooting & Debugging

Technical Skills

Languages: JavaScript, ES6, jQuery, CSS, HTML5, PHP, Typescript
Frameworks: ReactJS, NodeJS, NextJS, ExpressJS, Tailwind CSS, Bootstrap, Magento 2
Tools: Vite, Git, MUI (Material-UI), Figma
Databases: SQL (PostgreSQL), NoSQL (MongoDB)
Other Expertise: React Native, Model-View-Controller, Object-Relational Mapping, Bcrypt, Blender, Oculus App Store

Professional Experience

COOLIBAR, Minneapolis, MN   2022 to 2023
Front-End Web Developer & UX Designer

Developed responsive and user-friendly front-end interfaces for an ecommerce storefront, ensuring cross-browser compatibility and accessibility. Improved overall performance and UX of homepage, checkout flow, PDP product variation visibility, and PLP product filtering.

- Spearheaded a homepage redesign and development project to optimize product visibility and aesthetic appeal on the company's Magento 2 homepage, resulting in a 30% increase in visibility.
- Achieved a 21.4% increase in accessibility, reaching 89.3%, by implementing code upgrades to web standards, thereby enhancing user engagement.

Key Projects

Affirmations (github.com/bretpeters3n/affirmations-vite)   2023

- Designed and developed a personal project enabling users to manage affirmations tailored to address specific life challenges, facilitating mood enhancement.

Cat Memory; Full-Stack Web Development Bootcamp (github.com/bretpeters3n/cat-memory)   2021

- Acted as project lead in developing an application allowing users to play a game of memory with cat photos.

Education

Bachelor of Fine Arts in Graphic Design | University of Minnesota, Duluth, MN

Professional Development/Certifications

Full-Stack Web Development Certificate | University of Minnesota, Minneapolis, MN

UX Certificate | Brainco, Minneapolis, MN

VR App Development, VR App Publishing, Unity, and World Building Certificates | Universe, Online