

Sam Brandon

Frontend Engineer | Knoxville, TN | 510-856-6441

GitHub: [SBrandon0432](#) | sambrandon0432@gmail.com | LinkedIn: [sam-brandon](#)

TECHNICAL SKILLS

Languages - JavaScript (ES5/ES6), HTML5, CSS3, Flexbox, Python, MySQL, MongoDB, Redis

Libraries/Frameworks - React, Sass, Redux, Bootstrap, Typescript, Axios, Three.js, use-cannon, Fiber

Testing - Jest, Enzyme, Mocha, Chai, New Relic

Tools - Webpack, GitHub, NPM, Yarn, Babel, Trello, Docker, AWS, AWS S3 buckets, AWS EC2

Techniques - Agile Development, Pair-Programming, Problem Solving, Web Design

WEB APPLICATIONS / PORTFOLIO

Flash Card - Frontend Engineer | Javascript, React, TypeScript, Sass

- Tool for engineers to prep for the job
- Implemented a React router and navigation for responsive and fast load times
- Utilized Sass in conjunction with bootstrap to style components
- Utilized LocalStorgae providing user secession as well as user login/out authentication
- Non-SQL database management system Providing fast query response times
- Need a thing

3D Adventure Portfolio - Frontend Engineer | React, Three.js, Fiber, Drei, Special Effects, Sass

- 3D goblin adventure simulation built in React and Three.js
- Components handle physics, animation, movement, lighting, and scenery
- Created utility components with Drei for scene effects and dev scene tools
- Used custom 3D Models with unique animations and effects
- Used PostProcessing to create special effects components for reusability
- Utilized AWS Amplify to continuously detect changes from GitHub and auto-deploy updates

Nature Tours - Full-Stack Developer | React, TypeScript, Sass

- Website to showcase skills learned through advanced CSS and SASS certification. Showcases modern eCommerce style website with element, image, and text CSS animations.
- Responsive components utilizing keyframes to create animation, hovers, and media queries
- Implemented BEM methodology for reusable CSS architecture inside React Typescript app
- Built with responsive media queries to scale with a screen resolution

PROFESSIONAL EXPERIENCE

Frontend Engineer | *Refactoring The Interview: Startup* | Knoxville, TN **3 months**

- Implemented reusable custom CSS for multiple core components
- Improved Data handling and site Loading times by 50%
- Created a list display component with Custom filter functionality and CSS
- Daily standups and with code Reviews, Scoping project goals, and deliverables
- Git workflow with agile practices

Theater Operator | Patrick Design | Castro Valley, CA **6 years**

- Coordinated with non-technical teammates to achieve operational goals

Certifications

Three.js with React Certificate | Udemy **2 months**

Three.js with React-three-fiber and its environmental setting and uses

Advanced CSS and SASS Certificate | Udemy **2 months**

Advanced and modern CSS, CSS architecture, animations, and responsive designs

Advanced Software Engineering Certificate | Hack Reactor @ Galvanize **1 year**

Full-stack development, coding, and problem-solving in a professional environment