

CJ Jones Software Engineer

www.seejonesengineer.com/ | cj@seejonesengineer.com
www.linkedin.com/in/cjones1827/ | www.github.com/cjones-87

TECHNICAL EXPERIENCE

Freelance — Software Engineer

2020 - Present

- Develop and deliver high-quality, robust front-end production code for a diverse array of clients for projects ranging from personal portfolios, eCommerce single-page applications (SPA), and entertainers' personal websites, including confidential engagements requiring strict adherence to Non-Disclosure Agreements (NDAs).
- Efficiently manage project timelines, achieving an average of 25% early completion rates, optimizing quality control, & ensuring exceptional user experience (UX) through comprehensive documentation, tech support, & regular site upkeep.
- Exemplify leadership by spearheading close collaboration sessions with peers and early-career software engineers, facilitating weekly collaborations, knowledge sharing, and mentorship.

TECHNICAL PROJECTS

See Jones Engineer Portfolio Web App — Software Engineer

2021 - Present

- Crafted & designed a SPA portfolio website with 18 routes, including a specialized route for handling 404 errors.
- Utilized code-splitting techniques to optimize performance by lazy loading all routes, resulting in a 300% improvement in page loading speeds.
- Created over 40 components, including 10 derived components, enhancing code modularity and maintainability by 25%.
- Employed React's Suspense API to efficiently lazy load components, while utilizing an external library for image lazy loading, further enhancing site performance by an additional 100%.
- Engaged React's Context API for light/dark mode management, reducing re-renders by 100% and decreasing page loading times by 200%.

Hypnotiq Musiq Player 2.0 — Software Engineer

2022 - 2023

- Streamlined a responsive full-stack mobile app using React Native Expo for iOS/Android, enabling seamless playlist curation with persistent data storage, utilizing local media storage and Firebase/Firestore for efficient management.
- Implemented secure authentication functionalities, including login, registration, and password recovery features, ensuring user data privacy, protection & recovery.
- Optimized over 30 components and screens by employing code-splitting techniques and lazy loading using React's lazy and suspense API, resulting in a 100% improvement in loading times.
- Leveraged React's Context API to enable intelligent playback state transitions, such as pause, play, fast forward, rewind, and skip ahead/backward, enhancing user interaction and control within the app, and reducing re-renders by 20%.

PERN Full-stack Boilerplate Template — Software Engineer

2023

- Employed Express framework to deliver an eCommerce boilerplate SPA, equipped with 8 preconfigured REST APIs, enabling seamless CRUD functionality for user & product models.
- Refined robust authentication mechanisms, empowering users with secure login, registration, and frictionless access to their personalized information in a responsive user interface.
- Orchestrated a responsive design paradigm for seamless UX across web and mobile platforms, enabling eCommerce businesses to engage customers effortlessly across all touchpoints.

TECHNICAL SKILLS

Javascript, React, React Native, HTML, CSS, REST APIs, API Integration, Express, Sequelize, Debugging, Git, Github

SOFT SKILLS

Troubleshooting, Code Shipping, Branding, Design, Problem-solving, Client Management, User-Centric Mindset

TECHNICAL EDUCATION

Fullstack Academy — Software Engineer

2021

- Graduated from an immersive engineering boot camp, gaining proficiency in JavaScript, HTML, CSS, CS fundamentals, React, Redux, REST APIs, PostgreSQL, Sequelize, Sequel, Express, Node.js, and Agile methodologies.
- Developed a robust SPA using the PERN stack (PostgreSQL, Express, React, Node.js) to create a feature-rich eCommerce platform. Utilized REST APIs to serve up a catalog of 10,000+ products, providing seamless UX.

Self-Study — Software Engineer

2020 - 2021

- Completed extensive online coursework through Free Code Camp, utilizing resources such as Mozilla Developer Network (MDN), Eloquent Javascript, and The Modern JavaScript Tutorial (Javascript.info).
- Covered HTML, CSS, JavaScript, and responsive web design, while engaging in hands-on projects to reinforce front-end web development concepts.