

Clifton Jones **Software Engineer**

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TECHNICAL EXPERIENCE

Freelance — Software Engineer

2020 - Present

- Develop and deliver high-quality, robust front-end production code for a diverse array of clients, including confidential engagements requiring strict adherence to Non-Disclosure Agreements (NDAs), for projects ranging from personal portfolios, eCommerce single-page application (SPA), artist's, musician's, and entertainer's personal websites.
- Ensure an exceptional UX through comprehensive documentation, tech support, and regular site maintenance.
- 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

- Developed and implemented a SPA portfolio website with 17 routes, including a specialized route for handling 404 errors, ensuring seamless user experience when encountering unavailable pages.
- 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.
- 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%.

Hypnotiq Musiq Player 2.0 — Software Engineer

2022 - 2023

- Crafted a responsive full-stack mobile app using React Native Expo for iOS and Android platforms, allowing users to curate playlists that seamlessly persist across app reloads, leveraging local media storage and Firebase/Firestore cloud databases for efficient playlist 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, skip forward, and skip backward, enhancing user interaction and control within the app, 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.
- Implemented 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, meticulously fine-tuned for both web and mobile platforms, ensuring a flawless user experience regardless of the device utilized, and enabling eCommerce businesses to reach and engage customers seamlessly across all touchpoints.

TECHNICAL SKILLS

Javascript, React, React Native Expo, HTML, CSS, REST APIs, Express, Sequelize, Git, Github, Debugging, Troubleshooting, Code Shipping, Branding

TECHNICAL EDUCATION

Fullstack Academy — Software Engineer

2021

- Completed 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 browsing and shopping experiences for users.

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.