CJ Jones II Software Engineer

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TECHNICAL EXPERIENCE

Freelance/Self-Employed - Software Engineer   **2020 - Present**
- Engineering 4 customized eCommerce platforms for various industries using a self-designed eCommerce boilerplate tailored to meet each client's specific branding and design criteria while adhering to Non-Disclosure Agreements (NDAs). These platforms support both B2B and B2C interactions.
- Consistently achieve early project completion, surpassing timelines by an average of 25%, ensuring exceptional user experience (UX) through comprehensive documentation, tech support, and regular site upkeep.
- Maintain a client feedback system to establish effective Customer Relationship Management (CRM), enabling proactive client engagement and fostering loyalty through responsive service and feedback implementation.
- Execute numerous contracts encompassing both published and unpublished work across diverse projects, showcasing adeptness in project delivery and client satisfaction.
- Exemplify leadership by spearheading close collaboration sessions with peers and early-career software engineers, facilitating weekly collaborations, knowledge sharing, and mentorship.

AAA Termite & Wildlife - Front End Software Engineer   **2019 - 2020**
- Engineered from design to conception of a user-friendly single-page application (SPA), resulting in a reduction in monthly advertising costs of over 99%.
- Transformed marketing ROI significantly by implementing a new website, replacing the previous third-party pay-per-click model. This change eliminated substantial user click expenses, reducing monthly costs to minimal hosting fees and benefiting more than two dozen business offices.

Tech Stack: Javascript, HTML, CSS

LEADERSHIP EXPERIENCE

AAA Termite & Wildlife - Operations Manager   **2017 - 2020**
- Devised & implemented an innovative logistics system in Q2 2017, boosting productivity by 102%.
- Introduced a streamlined proposal and invoice system, doubling customer proposal acceptance rates, and resulting in a weekly gross income increase ranging from 200% to 325%.

AAA Termite & Wildlife - Office Manager   **2015 - 2016**
- Initiated and managed a comprehensive document management system, resulting in a 42% reduction in paperwork errors and improved record-keeping.
- Created a client feedback system in Q1 2016, increasing positive customer reviews by 21% and improving client satisfaction.
- Implemented cost-effective procurement strategies in Q3 2015, reducing expenses by 32% while maintaining service quality.

AAA Termite & Wildlife - Administrative Data Analyst   **2014 - 2015**
- Scheduled appointments with precision and timeliness, reducing missed appointments by 33% and contributing to improved customer satisfaction.

Toys "R" Us - Store Manager   **2013 - 2015**
- Streamlined store operations by introducing efficient scheduling and task management systems, reducing labor costs by 10% while maintaining high service standards.
- Analyzed weekly sales reports to identify trends and areas for improvement, implementing strategic merchandising and promotional tactics that led to a 22% increase in weekly sales.
- Monitored store performance metrics and provided actionable insights to improve productivity and sales, achieving a 20% increase in key performance indicators (KPIs).

Toys "R" Us - Assistant Store Manager   **2012 - 2013**
- Implemented loss prevention strategies and conducted regular audits, reducing shrinkage by 15% and ensuring compliance with company policies.
- Maintained strong relationships with vendors, negotiating favorable terms and ensuring timely deliveries, which improved stock variety and availability.

TECHNICAL PROJECTS

See Jones Engineer Portfolio Web App - Software Engineer   **2021 - Present**
- Utilized code-splitting techniques to optimize performance by lazy loading all components & routes, resulting in a 300% improvement in page loading speeds.
- Created several dozen components, including multiple derived components, enhancing code modularity and maintainability by 25%.
- Employed React's Suspense API to efficiently lazy load components and implemented custom reusable component leveraging Intersection Observer API 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%.

Tech Stack: Javascript, React + Hooks, HTML, CSS

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 several dozen 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%.

Tech Stack: Javascript, React Native + Hooks, Expo, JSX

PERN Full-stack Boilerplate Template - Software Engineer   **2022 - 2023**
- Employed Express framework to deliver an eCommerce boilerplate SPA, equipped with preconfigured REST APIs, enabling seamless CRUD functionality for user, product, order, & line-item 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.

Tech Stack: Javascript, React + Hooks, Express, PostgreSQL, Sequelize, Node.js, Redux, JSX, HTML, CSS

TECHNICAL EDUCATION

Fullstack Academy - Software Engineering   **2021**
- Graduated from an immersive engineering boot camp, gaining proficiency in JavaScript, HTML, CSS, Computer Science 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 a catalog of 10,000+ products, providing seamless UX.

EDUCATION

North Carolina Central University   **2006 - 2008**
Mechanical Engineering & Physics - incomplete
- Relevant coursework: Calculus, Economics, Physics, Statistics.
- Acquired skills: Analytical problem-solving, strong foundation in engineering principles and physics concepts, data analysis, and quantitative analysis.

A.R. Johnson Health Science & Engineering Magnet High School   **2002 - 2006**
Engineering, Dual Seal - HS Diploma
- Relevant coursework: Pre-Calculus, Calculus, Computer Science, Economics, Physics, Statistics, Drafting & Design.
- Acquired skills: Analytical problem-solving, introduction to engineering principles and physics concepts, data analysis, quantitative analysis, proficiency in AutoCAD & 3D Modeling/Rendering software.