Brandon A. Jones

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Software Engineer
Software Engineer | Full-Stack Developer | React, Node.js, Three.js

Software Engineering Professional with experience designing, deploying, and maintaining web, mobile, and cloud systems. Proficient in JavaScript, Python, SQL, React, Flask, and TypeScript, with working knowledge of Java, Spring Boot, Next.js, AI concepts, and cloud platforms (AWS, Azure). Skilled in the software development life cycle (SDLC), product requirements analysis, new program development, software integration engineering, and software product testing. Recognized for decision-making, problem-solving, innovation, and effective communication, with a strong commitment to creating sustainable communities and supporting team members through collaboration.

Skills

Languages: Python, JavaScript, Java, SQL, HTML, CSS, TypeScript **| Frameworks/Libraries**: React, Flask, Bootstrap **| Databases**: PostgreSQL, SQLite **| Cloud Platforms & Software Development Tools:** AWS, Azure, GitHub, RESTful APIs, VS Code **|** Software Development Practices: SDLC, Agile, Software Integration, New Program **|** Software Development Practices: SDLC, Agile, Software Integration, New Program **|** Development, Product Design & Architecture, Research and Development, Testing & QA, Product Quality **| Other:** Connectivity, Interfaces, Software Packages **| Certifications:** Coding Temple - Full Stack Software Engineer

Projects

[E-commerce Product Catalog | React, Redux Toolkit, React Query](#) ([Github](#))
- Designed and implemented a responsive eCommerce web application, following the software development life cycle from product requirements to deployment. | Implemented Redux Toolkit for cart state management and React Query for caching and optimized data fetching, improving load performance. | Integrated Next.js for server-side rendering, enhancing scalability, SEO, and consistent customer-centric experiences. | Applied software product testing strategies including unit tests, debugging, and validation to maintain product quality.

[Mechanic & Service Ticket API | Python, Flask, SQLAlchemy, PostgreSQL](#)
- Developed a RESTful API with CRUD functionality for mechanics, service tickets, and inventory. **|** Applied software integration engineering by linking multiple resources with many-to-many relationships and token-based authentication. **|** Secured endpoints with JWT authentication; optimized performance with caching, pagination, and rate limiting. **|** Conducted API testing and validation using Postman to ensure software product reliability and alignment with requirements.

Professional Experience

Web Developer | Freelance | OCT 2025 – Present
- Designed and delivered custom applications using React, Flask, and PostgreSQL, incorporating market and product requirements into software product design and architecture. **|** Coordinated with clients and team members on project scope, demonstrating effective communication, responsibility, and decision-making. **|** Contributed to new program development and innovation, ensuring technical knowledge aligned with customer needs.

Software Engineer Apprentice | Coding Temple | APR 2025 - SEPT 2025
- Built multiple full-stack projects with React, Node.js, PostgreSQL, and TypeScript, applying Agile methodology and full software development life cycle practices. **|** Designed and deployed RESTful APIs for scalable data access, improving productivity and user experience. **|** Developed cloud-ready applications with exposure to AWS and Azure deployment environments. **|** Conducted software product testing and debugging, ensuring product quality and technical reliability. **|** Supported peer projects, applying research and development approaches and code reviews to strengthen technical knowledge.

Educator & Basketball Coach | Various Schools | AUG 2017 - FEB 2024
- Coached multiple teams to regional championship titles, applying critical thinking, judgment, and decision-making to achieve results. **|** Strengthened team collaboration, organization, and communication, directly supporting effective teamwork in software engineering environments.

Education

Coding Temple, Certificate - Software Engineering **| Coastal Carolina University**, Conway, SC B.S. Physical Education 3.18 GPA