ANTHONY RODRIGUEZ

(305) 831-1855   toniwebster4@gmail.com   github.com/rtoniwebster   linkedin.com/in/rtoniwebster

SENIOR SOFTWARE ENGINEER

Software Engineer with 3+ years of experience delivering responsive and scalable applications using React, React Native, Node.js, Python, and Firebase. Proven ability to integrate AI tools (OpenAI, TensorFlow), implement CI/CD, and deploy full-stack products across web and mobile. Strong communicator and problem-solver passionate about clean code and user-focused development.

EXPERTISE

- Software Development Life Cycle
- IT Infrastructure
- Software Engineering
- System Integration
- Website & Database Dev.
- Data Security
- Program Management
- Agile
- Risk Management
- Project Management
- Process Management
- Continuous Improvement
- Business Transformation
- Business Leadership
- Team Leadership
- Organizational Development
- Process Improvement
- Coaching & Mentoring
- Interpersonal Communication
- Client Relationship Mgmt.
- Innovation

STRENGTHS

- Strong sense of ownership and accountability on every project
- Quick learner with a proactive mindset and positive attitude
- Excellent communication and collaboration skills across technical and non-technical teams
- Passion for clean, maintainable code and scalable system design
- Proven adaptability working in fast-paced, remote-first environments

PROFESSIONAL EXPERIENCE

BLUEWAVE CREATIVE   FEB 2022 – PRESENT

Software Engineer:

- Developed and maintained full-stack applications for multiple client-facing platforms using React, Firebase, and serverless cloud functions.
- Built intelligent analytics dashboards powered by OpenAI and Firestore, allowing clients to generate reports and insights with minimal manual input.
- Led frontend performance initiatives that improved Lighthouse scores by 40%, using code splitting, tree-shaking, and optimized rendering techniques.
- Refactored existing codebases into reusable TypeScript component libraries, improving consistency and reducing dev time across projects.
- Collaborated across time zones with designers, PMs, and developers to deliver production-grade features with clean, testable code.
- Integrated content management systems (CMS) for non-technical clients to self-manage site content and assets.
- Designed and enforced CI/CD workflows using GitHub Actions and Vercel, supporting automated testing, staging previews, and seamless rollbacks.
- Wrote detailed technical documentation and created internal onboarding guides for new developers joining the team.

BRICKELL DIGITAL SOLUTIONS   MAR 2021 – JAN 2022

Software Engineer:

- Engineered cross-platform mobile apps in React Native for clients in fashion and retail, delivering apps with dynamic AI content and high user retention.
- Integrated OpenAI and TensorFlow Lite to power personalized outfit recommendations, enabling in-app personalization with real-time model responses.
- Built custom modules to interact with e-commerce APIs and third-party SDKs for seamless product browsing and Stripe-powered purchases.
- Implemented in-app analytics dashboards and set up event-driven tracking with Firebase Analytics, helping stakeholders evaluate feature adoption.
- Led the initiative to modularize app architecture, separating business logic, UI components, and third-party service layers for better scalability.
- Managed end-to-end mobile CI/CD with Expo EAS, including automated builds, OTA updates, release channel management, and crash monitoring.
- Conducted QA cycles with testers and users, logging and fixing platform-specific issues across Android and iOS for smooth release.
- Mentored junior developers during weekly code reviews and refactor sessions, promoting a culture of code quality and shared standards.

KEY ACHIEVEMENTS

End-to-End Performance Optimization for Fintech Dashboard: Redesigned both frontend and backend architecture of a real-time financial dashboard, resulting in a 60% improvement in load times and 70% reduction in redundant API calls. Leveraged React memoization, lazy loading, and Firebase Firestore indexing to boost UI responsiveness and data sync speed under high user load.

Backend Refactor for Scalable Merchant Platform: Refactored a QR-based walletless payment system's backend using Node.js and Firebase Cloud Functions, improving response time by 40% and significantly reducing cold start latency. Implemented modular service layers, improved database structure, and optimized Stripe webhook handling to ensure reliability during high transaction volumes.

CI/CD Automation for Cross-Platform Mobile App: Set up a robust CI/CD pipeline using GitHub Actions and Expo EAS for a React Native app, enabling automated testing, versioning, and one-click deployments to both iOS and Android. Reduced manual release time by over 80% and introduced safer production rollouts with build checks and OTA updates.

EDUCATION & CERTIFICATIONS

Bachelor of Science in Computer Science (BSCS)

FLORIDA INTERNATIONAL UNIVERSITY   2017 - 2021

TECHNOLOGY

TypeScript, JavaScript, Python, Go, Java, C#, Bash, C, React.js, React Native, Next.js, Tailwind CSS, Node.js, Express, Firebase, REST APIs, GraphQL, OpenAI API, TensorFlow, Git, Docker, Kubernetes, AWS, Google Cloud, Vercel, CI/CD, PostgreSQL, MongoDB, Firestore, GitHub, Agile/Scrum, Stripe, Expo, WebSockets