

Anthony Coffey

Austin, Texas • (737) 932-4565 • anthony@coffey.codes • [linkedin.com/in/coffeyanthony](https://www.linkedin.com/in/coffeyanthony) • <https://linktr.ee/coffeycodes> • <https://coffey.codes>

Versatile Full-Stack Software Engineer with 12 years of professional experience building cloud-native solutions for web and mobile platforms. Expert in leveraging modern JavaScript, TypeScript, and Python tooling to deliver scalable, secure, and user-focused applications. Proven track record driving projects from design to delivery.

WORK EXPERIENCE

Health Tech Defenders

December 2023 - Present

Cybersecurity Analyst • Contractor

- Led penetration testing engagements for web applications, APIs, and cloud infrastructure in healthcare technology systems, leveraging ethical hacking tools (e.g., Burp Suite, Nmap, Nikto, Metasploit) to identify critical vulnerabilities, including SQL injection, XSS, CSRF, and misconfigurations, ensuring security and compliance.
- Authored detailed, actionable technical reports, outlining discovered vulnerabilities, risk assessments, and tailored remediation strategies to mitigate security threats and improve system defenses.

24hrcarunlocking.com

August 2023 - Present

Solutions Architect • Contractor

- Designed and developed React Native mobile app for iOS/Android to enhance roadside technician workflows and support real-time fleet monitoring through background location tracking.
- Designed Twilio Flex integration to streamline customer service and dispatch operations, seamlessly integrating it with a proprietary CRM web application.
- Designed and implemented a CI/CD pipeline on Heroku, automating build and deployment processes to streamline development and accelerate release cycles.

Southern Made

May 2024 - September 2024

Staff Engineer • Full-time

- Designed system architecture for the DORITOS® Crash the Super Bowl event, utilizing Google Video Intelligence API and Gemini API to automate submission reviews.
- Documented procedures to streamline employee onboarding and provided cost/timeline estimates for RFPs

Marani Health

March 2022 - April 2024

Full-Stack Software Engineer • Full-time

- Designed and developed an annotation tool to validate the heart rate and contraction monitoring algorithm of M•care connected devices, which was instrumental in supporting the FDA 510(k) submission process.
- Enhanced test code coverage of monitoring algorithms from 0% to 99%, ensuring accuracy and stability.
- Authored and executed comprehensive test reports as part of the FDA 510(k) submission.

festivalPass

March 2021 - April 2022

React Native Developer • Contractor

- Developed a React Native version of an existing web app for iOS and Android, ensuring seamless integration with the original platform and managing successful submissions to Google Play and the Apple App Store.

Lifecycle Insights

January 2019 - June 2021

Full-Stack Software Engineer • Contractor

- Designed and developed an interactive survey application that generated branded PDF reports based on user input using MEVN stack.
- Contributed to SaaS business growth by developing new features and delivering timely bug fixes, ensuring a seamless user experience and maintaining platform reliability

Smart Insurance

June 2016 - April 2019

Full-Stack Developer • Contractor

- Designed and developed an online insurance quote system, optimizing conversions and improving efficiency by automating quote generation.
- Collaborated with stakeholders to ensure the platform complied with industry standards and regulations specific to workers' compensation insurance, enhancing regulatory compliance and approval process.

RiskPro®

January 2014 - June 2016

Full-Stack Developer • Contractor

- Validated and optimized financial algorithms, ensuring accurate and efficient portfolio calculations.
- Developed new features and resolved hundreds of bugs in the RiskPro platform, enhancing user experience and system reliability.

EDUCATION

Associate of Arts

Gulf Coast State College

Graduated May of 2012

Relevant Coursework: PHP, Java, C++, Object-Oriented Design Principles, Systems Analysis and Design, Data Structure, Database Design and Management, Computer & Network Security (Security +), Networking Essentials (Network +)

SKILLS

• Agile	• Cloud Functions	• Google Cloud	• MySQL	• Scrum
• AI / ML	• CodeBuild	• GraphQL	• Next.js	• Selenium
• Algorithms (Sorting, Searching, Dynamic Programming)	• CodePipeline	• Graphs	• NGINX	• SEO
• Amplify	• Composer	• Gulp	• Node.js	• Serverless
• Android Development	• CSS3	• Heroku	• Normalization	• Spring Boot
• Angular	• Cybersecurity	• HTML5	• NoSQL	• SQL
• Apache	• Cypress	• IAM	• Nuxt.js	• Systems Design
• Arduino	• Database Design	• iOS Development	• OAuth	• Tailwind CSS
• Auth0	• Data Structures	• Java	• OAuth 2.0	• Technical Writing
• AWS	• Django	• JavaScript	• Penetration Testing	• Terraform
• Azure	• Docker	• Jest	• PHP	• Test Reporting
• Babel	• DynamoDB	• jsPDF	• PostGIS	• Twilio
• Bootstrap	• EC2	• JWT	• PostgreSQL	• TypeScript
• C#	• Express.js	• Kubernetes	• PubSub	• Unit Testing
• C/C++	• Firebase	• Lambda	• Python	• Video Intelligence API
• CI/CD	• Firestore	• Linux	• Raspberry Pi	• Vue.js
• CloudFront	• Flask	• MaterialUI	• React	• Webpack
	• Gemini API	• Microservices	• React Native	• WebSockets
	• Git	• Mocha	• Redis	
	• GitLab	• MongoDB	• REST APIs	