

Anthony Coffey

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Austin, Texas based Solutions Architect and Full Stack Engineer with over a decade of experience in cloud computing, software engineering, and systems design.

Expertise

- **Full-Stack Engineering:** Expertise in full-stack development using unified frameworks like Next.js and Nuxt.
- **Mobile Development:** Expertise in React Native for developing cross-platform mobile applications. Experienced with native module development with Java (Android) and Objective-C (iOS)
- **Backend Development:** Expertise in building secure, scalable backend systems using Node.js/Express, Django, and Flask.
- **Database Management:** Expertise in designing and optimizing databases using PostgreSQL, MongoDB, and Firebase, DynamoDB and MySQL.
- **Cloud & DevOps:** Experience designing and implementing cloud infrastructures on AWS and Google Cloud. Experienced with automating CI/CD pipelines using CodeBuild/CodePipeline and GitHub actions
- **AI Integrations:** Experienced with integrating machine learning capabilities using Google AI libraries such as Cloud Video Intelligence and Gemini API, automating image/video recognition and data processing to improve efficiency and user experience.
- **Security & Compliance:** Deep understanding of application security and experienced with identifying and resolving CVE vulnerabilities, conducting pen tests and DevSecOps practices.
- **WordPress Development:** Deep understanding of WordPress under the hood. Experienced in building custom Gutenberg themes and plugins, leveraging the full power of wp-scripts and WordPress' native React architecture to build streamlined, future-proof solutions with modern development workflows.

Employment History

24hrcarunlocking.com

Solutions Architect | August 2023 - Present

- Fully integrated PostGIS geospatial extension leveraging existing datasets, enabling advanced location-based queries that were previously not possible.
- Developed a custom WordPress plugin using Composer/React to replace an iframe-based lead form, enabling accurate Google Ads conversion tracking through imported GA4 key events.
- Engineered custom React Native mobile application for roadside technicians, enabling real-time fleet monitoring and improving operational efficiency by providing foreground/background location tracking on mobile devices.

Health Tech Defenders

Cybersecurity Analyst | *December 2023 - Present*

- Conducted penetration tests on web applications, APIs, and cloud infrastructure.

Southern Made

Staff Engineer | *May 2024 - September 2024*

- Designed AI submission review system for Doritos Crash the Super Bowl project on the Google Cloud platform powered by Gemini AI and Video Intelligence API

Marani Health

Full Stack Software Engineer | *March 2022 - August 2023*

- Engineered an annotation tool to validate the heart rate and contraction monitoring algorithm, which was instrumental in supporting the FDA 510(k) submission process.
- Enhanced test code coverage for the algorithm from 0% to ~99%, ensuring robustness and reliability.
- Authored and executed comprehensive test reports as part of the FDA 510(k) submission.

FestivalPass

React Native Engineer | *March 2021 - April 2022*

- Built mobile version of website for iOS / Android platforms using React Native

Lifecycle Insights

Full Stack Engineer | *January 2019 - June 2021*

- Designed an interactive survey application that generated customized PDF reports based on user input.
- Utilized jsPDF to create dynamic, branded, and stylized reports, enhancing user engagement and presentation quality.

Smart Insurance

Full Stack Developer | *June 2016 - April 2019*

- Designed and developed an online insurance quote system, streamlining the sales process 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 operational integrity.

Rock Candy Media

WordPress Developer | *April 2018 - August 2018*

- Developed pixel perfect white-label themes and plugins from design files provided by the internal design team

Glide Design

Full Stack Web Developer | *January 2017 - November 2017*

- Collaborated with team members and clients to handle support requests, develop new features, and implement bug fixes, ensuring efficient issue resolution and timely feature enhancements.
- Developed custom plugins and plugin extensions for popular WordPress plugins like WooCommerce, Gravity Forms and BuddyPress

RiskPro

Full Stack Web Developer | January 2014 - June 2016

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

Squeekpress

Full Stack Developer | August 2013 - June 2015

- Developed white label plugins and themes on the WordPress platform for startup and enterprise-level clients

Education

Gulf Coast State College

Associate of Arts | 2012 — Panama City, Florida

- Planning & Design, Java, C++, PHP, CompTIA, Networking