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

- Integrated PostGIS geospatial extension on the backend, enabling advanced location-based queries that were previously not feasible.
- Developed a custom WordPress plugin in React to replace an iframe-based lead form, enabling accurate Google Ads conversion tracking through imported GA4 key events.
- Built a React Native mobile application for roadside technicians, enabling real-time fleet monitoring and improving operational efficiency by providing up-to-the-minute location tracking.

Health Tech Defenders

Cybersecurity Analyst | *December 2023 - Present*

- Conducted penetration tests on web applications, APIs, and cloud infrastructure.
- Authored technical reports with solutions for discovered vulnerabilities.

Southern Made

Staff Engineer | *May 2024 - September 2024*

- Designed AI submission review for Doritos Crash the Super Bowl project on the Google Cloud platform using Gemini API 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.

Obzervant

Full Stack Developer | June 2015 - December 2015

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

Java, C++, PHP, CompTIA, Networking