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Austin, Texas



ANTHONY COFFEY

FULL STACK SOFTWARE ENGINEER

SUMMARY

Web & Mobile Engineer with 12+ years of experience in architecting, developing, and deploying scalable, secure web and mobile applications. Proven track record delivering custom software solutions across startups, digital agencies, and insurance, real estate, manufacturing, fintech, and healthcare industries.

WORK HISTORY

Full Stack Software Engineer | 24hrcarunlocking.com August 2023 – Present

- Developed a cross-platform React Native application (iOS/Android) to support real-time fleet monitoring and managed App Store and Google Play submissions
- Architected a serverless, multi-tenant SaaS web and mobile application on Google Firebase using React, React Native, Firestore and Firebase Functions
- Maintained a Vue/Nuxt application built on a Node backend, implementing hundreds of bugfixes, updates and new features since I joined the project as a contributor.

Staff Engineer | Southern Made April 2024 – September 2024

- Designed the system architecture for the **DORITOS Crash the Super Bowl** event, utilizing Google Cloud Vision and Gemini API for automated submissions review.

Full Stack Software Engineer | Marani Health March 2022 – April 2024

- Developed an annotation tool to validate heart rate and contraction monitoring algorithms for FDA 510(k) submission.
- Increased unit test code coverage from **0% to 99%**, improving algorithm accuracy and stability.
- Authored comprehensive test reports as part of the FDA 510(k) submission process.

React Native Developer | FestivalPass March 2021 – April 2022

- Developed cross-platform React Native application from an existing web solution for iOS and Android and managed Apple App Store and Google Play submissions.

Full Stack Software Engineer | Lifecycle Insights January 2019 – June 2021

- Developed an interactive survey platform on MEVN stack with dynamic data visualization and on-demand PDF generation based on user input.

Full Stack Developer | Smart Insurance

June 2016 – April 2019

- Collaborated with stakeholders to develop a Workers Comp. Insurance app and ensure the platform was compliant with State and Federal regulations.

Full Stack Developer | RiskPro®

January 2014 – June 2016

- Wrote dozens of patches to correct financial algorithm inaccuracies and resolve UI/UX errors.
- Developed and maintained data visualization and on-demand report generation features.

TECHNICAL SKILLS

Frontend

- React
- React Native
- Next.js
- Vue.js / Nuxt
- Angular
- Flutter

Backend

- Node, Express.js
- Flask
- PHP, Laravel, WordPress
- NGINX / Apache2
- Contentful
- Strapi
- Linux (Debian, Ubuntu, CentOS)
- System Administration / DBA

Data

- SQL / noSQL
- PostgreSQL
- MySQL
- SQLite
- Firestore
- MongoDB
- DynamoDB

DevOps, IaC, PaaS

- GitHub Actions
- Docker, Kubernetes
- Terraform, Ansible
- Supabase, Auth0
- Heroku, Vercel, Netlify
- Expo

Programming Languages

- JavaScript(ES6+) / TypeScript
- Python
- Java
- C / C++
- C# (Unity)
- Dart

Cloud

- DNS, VM, VPC, IAM, Firewall
- **AWS**
EC2, RDS, Lambda, S3, CodeBuild, CodePipeline, CodeDeploy, Amplify
- **Google Cloud**
App Engine, Compute Engine, Kubernetes Engine, Firebase, Cloud Run, Cloud Build, Cloud Storage

AI/ML

- Gemini, GenKit, Cloud Vision
- Sagemaker
- Pytorch / Tensorflow
- Claude Code, Cline
- GitHub CoPilot
- OpenAI API

Security & Compliance

- Penetration Testing (Burp Suite, Nmap, Metasploit, Nikto)
- Network Security, WAF
- Web Security (XSS, CSRF, SQL Injection)
- OWASP Top 10
- WCAG
- SOC2

EDUCATION

Gulf Coast State College | Associate of Arts

Graduated May 2012

- C++ I & II, Java I & II, PHP & MySQL
 - Planning & Design, Object-Oriented Design, Systems Analysis, Database Management, CompTIA+, Security+, Network+
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PROJECTS

- **React Drum Machine**
Fully functional drum machine / step sequencer with tempo and volume controls. Built with React and Howler.js for audio playback.
- **Simply Voice**
Allows users to generate WAV files from text for free using Google's Text-to-Speech API. Supabase powered user authentication and file storage, hosted on Firebase Hosting.
- **Piano Scale Visualizer**
Interactive virtual piano with visual highlighting of modes and scales with real-time audio feedback.
- **Property Manager Pro**
Serverless, Multi-tenant SaaS application built with React on Firebase infrastructure.
(Demo video can be found on my YouTube channel)
- **Roadside Service Technician App (React Native)**
Cross-platform React Native application (iOS/Android) to support real-time fleet monitoring for 24hr Car Unlocking. Features precise background location tracking, and allows technicians to view/manage their assigned jobs.
iOS: <https://apps.apple.com/us/app/24hr-car-unlocking/id6469293821>
Android: https://play.google.com/store/apps/details?id=com.phoenix_mobile.app
- **LabelScan (Flutter)**
AI-powered shopping assistant that allows users to scan price tags while shopping and add items to a list. Total cost and sales tax of scanned items is displayed below the scanned items, allowing the user to shop without checkout shock.