

Anthony Coffey

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Introduction

As a Software Engineer with over ten years of professional experience, I bring a wealth of experience to the table that extends beyond technical expertise.

Over the last decade, I have honed my skills in business strategy, project management, cloud computing, software engineering, and internet marketing while working with clients across a wide range of industries, including heavily regulated sectors like healthcare, fintech, insurance, and e-commerce.

Since 2012, I have worked with hundreds of clients to develop and maintain custom software solutions designed to meet their unique needs. This rich blend of experiences has not only sharpened my technical proficiency but also refined my interpersonal skills, establishing me as an energetic extrovert and a dependable team collaborator.

My commitment to the open-source community is demonstrated through projects like my node package, [react-native-expo-authorize-net](#).

Moving forward in 2024 and beyond, I am passionate about leveraging AI to create practical, accessible solutions that empower small businesses and individuals by solving real problems with technology.

Thanks in advance for your consideration, and I look forward to the opportunity to discuss how I can contribute to your team!

Technical Expertise

Programming Languages & Frameworks

- **Web & Scripting:** JavaScript/TypeScript, Python, PHP, HTML5, CSS3, SASS
- **Systems & Applications:** Java, C#, C++
- **JavaScript Frameworks:** React/Next.js, Redux, Vue/Nuxt, Vuex, Three.js, D3.js
- **Backend & CMS:** Laravel, WordPress, Drupal, Shopify
- **UI Libraries:** TailwindCSS, Material UI, Bootstrap, Tamagui, Materialize

Software Development Practices

- **Design & Methodologies:** Agile, Scrum, TDD, OOP, REST, GraphQL, MVC/MVVM, Microservices, Atomic Design, DRY, KISS, Clean Code

- **Testing & Optimization:** Responsive Design, SEO, SEM, A/B Testing, Jest, Mocha, Chai, Pytest
- **Modeling & Documentation:** UML, Entity Modeling, Flowcharts

Cloud & Deployment

- **Cloud Platforms:** Azure, AWS, Google Cloud, Vercel, Heroku, DigitalOcean
- **Key Services:** EC2, S3, Lambda, Amplify, CloudFront, IAM, RDS, Azure Functions, Azure DevOps, Google Compute Engine, Firebase
- **CI/CD & DevOps:** Docker, Kubernetes, GitLab, Terraform, AWS CLI, Linux, Vercel, Netlify

Data Management

- **Databases:** MySQL, PostgreSQL, SQLite, MongoDB, Redis, Firebase, DynamoDB
- **Python & Node.js Environments:** Flask, Django, Pandas, Numpy, Express, Vite

Web Standards & Security

- **Core Web Standards:** Extensive knowledge in building accessible, responsive websites using HTML5, CSS3, and SASS.
- **Security & Compliance:** Proficient in web security practices, GDPR compliance, and building applications adhering to WCAG guidelines.
- **APIs & Interactions:** REST, SOAP, GraphQL, JWT, OAuth, WebSockets for robust API development and secure data exchange.

Analytics & Performance

- **Tools:** Google Analytics, Google Tag Manager, Web performance optimization techniques.
- **SEO & SEM:** Advanced skills in Search Engine Optimization and Search Engine Marketing to boost online presence and engagement.

Soft Skills

- Experienced with product development and project management.
- Experienced with remote work and distributed teams.
- Strong communication skills, both written and verbal.
- Exceptional problem-solving and troubleshooting skills.
- Highly motivated and consistently updating skills and optimizing workflow.
- Strong interpersonal and leadership skills.
- Team player with a willingness to take ownership and responsibility.

Testimonials

- **Brandon S. Page, CEO, Smart Insurance Inc.:** "Anthony has been extremely professional and delivered top-notch products. He is quick to learn and provides valuable feedback to improve projects."
- **Christopher Foster, Business Analyst, Health System Information Resources:** "Anthony has a passion for clean code and solution-driven methodology. He is an effective contributor to any project."
- **Jim Tafur, CTO, Marani Health:** "Anthony has consistently demonstrated outstanding skills, dedication, and attitude. His attention to detail and commitment to excellence are exceptional."

Employment History

Health Tech Defenders *Cybersecurity Analyst* (December 2023 - Present)

- Conducted security assessments and penetration testing on web applications, APIs, and cloud infrastructure.

Marani Health, Austin, TX *Full Stack Engineer* (March 2022 - Present)

- Using AWS Amplify, engineered full stack application utilized for annotating fetal and maternal heart rate data, facilitating the validation of the proprietary algorithm's effectiveness.
- Helped to retrofit unit tests for Marani's proprietary algorithm, reaching 99% code coverage.
- Facilitated the transition of local data files to a remote database, enabling API-based queries that improved automation and optimized data file processing.
- Authored documentation for protocols, procedures, and also worked on documentation for FDA submission.

FestivalPass, Austin, TX *React Native Engineer* (March 2021 - April 2022)

- Built iOS / Android app with React Native, Expo, and TypeScript.

Lifecycle Insights, Austin, TX (Remote) *Full Stack Engineer* (January 2019 - June 2021)

- Developed robust, scalable full-stack applications using the MEVN stack.
- Developed robust server-side logic using Node.js and Express.js, architecting and implementing a suite of RESTful APIs that enhanced system integration and improved data handling efficiency for multiple client applications.
- Engineered a CI/CD pipeline using industry-standard tools to automate the deployment process, significantly reducing deployment times and enhancing developer productivity by streamlining development workflows.

- Utilized jsPDF to generate dynamic, branded, and stylized reports, improving the visual presentation of data and enabling custom, client-specific report generation on-the-fly which was essentially the "product".
- Oversaw web application data management using MongoDB Atlas, ensuring scalable and secure database configurations, seamless integration with application services, and robust data recovery protocols to maintain high availability and performance.

Smart Insurance Full Stack Developer (LAMP) (June 2016 - April 2019)

- Collaborated closely with stakeholders to ensure our platform complied with current industry standards and specific regulations for workers' compensation insurance, enhancing legal compliance and operational reliability.
- Led the design and development of the company's online insurance quote system, focusing on user experience and backend efficiency to optimize performance and increase customer engagement.
- Specialized in developing WordPress themes specifically tailored for the insurance sector, enhancing brand consistency and user engagement across digital platforms.
- Developed and maintained custom WordPress plugins to extend functionality and improve operational efficiency, tailored to meet specific needs within the insurance industry.
- Managed MySQL databases with a focus on optimizing data integrity, performance, and reliability, ensuring robust data support for critical business operations
- Worked with Google Analytics and Google Tag Manager to implement custom configurations for analyzing user behavior, site traffic, and conversion rates, empowering data-driven decisions to boost conversions and site performance.

Rock Candy Media, Austin, TX WordPress Developer (April 2018 - August 2018)

- Customized and developed WordPress themes according to client specifications and design mockups.
- Developed custom WordPress plugins to add unique functionalities tailored to client needs.
- Collaborated with marketing and design teams to integrate creative strategy into web development.
- Optimized website performance and loading speeds, reducing bounce rates and improving user experience.
- Implemented SEO best practices and accessibility standards, increasing organic search rankings.
- Utilized A/B Split testing for conversion rate optimization, improving lead generation and user engagement for clients.

Glide Design, Austin, TX Web Developer (LAMP) (January 2017 - November 2017)

- Worked with team members to handle support requests, develop patches for new features and bug fixes.

- Worked directly with clients to troubleshoot, diagnose, and resolve problems in an effective and timely manner.
- Developed plugins and plugin extensions for popular WordPress plugins like WooCommerce, Gravity Forms, and BuddyPress.

RiskPro®, Los Angeles, CA (Remote) *Full Stack Web Developer (LAMP)* (January 2014 - June 2016)

- Engineered and maintained a virtual risk profiling and portfolio construction platform using the LAMP stack within the WordPress ecosystem, tailored specifically for fintech applications.
- Developed and optimized WordPress themes and plugins to support complex financial data processing and visualization.
- Collaborated with financial analysts to translate risk assessment algorithms into efficient, scalable web solutions.
- Implemented robust security measures to protect sensitive financial data and ensure compliance with financial regulations.
- Enhanced system performance and user experience, leading to a more intuitive interface and increased user engagement.

Obzervant, Austin, Texas Area *Full Stack Developer (LAMP)* (June 2015 - December 2015)

- Spearheaded the development and delivery of SaaS products and marketing services for enterprise-level clients, enhancing client engagement and satisfaction.
- Authored comprehensive documentation that detailed project requirements, features, and maintenance protocols, facilitating clear communication and efficient project management.
- Acted as a technical consultant to management, evaluating and presenting the pros and cons of various development approaches to support strategic decision-making.
- Implemented best practices in code quality, security, and scalability, ensuring robust and reliable software solutions.

Squeekpress, Gulf Shores, Alabama *Full Stack Developer (LAMP)* (August 2013 - June 2015)

- Engineered custom white label WordPress plugins and themes for a diverse range of clients, from startups to enterprise-level, enhancing client branding and digital presence.
- Integrated jQuery extensively to enrich user interfaces and improve client-side scripting of web applications.
- Utilized Gravity Forms to create advanced form-based solutions, streamlining data collection and workflow automation for clients.
- Resolved config issues with Apache and NGINX servers on multiple Linux distributions, ensuring optimal server performance and reliability.

Education

Gulf Coast State College - *Associate of Arts* | Panama City, Florida

- Planning & Design, OOP Design Principles, Java I & II, C++ I & II,