Anthony Coffey

GitHub | Website | LinkTree | LinkedIn | ✉ coffey.j.anthony@gmail.com

Introduction

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

This rich blend of experiences has not only sharpened my technical proficiency but also my interpersonal skills, establishing me as an energetic extrovert and a reliable team collaborator.

My commitment to the open-source community is demonstrated through my involvement with online developer communities and projects like my node package, react-native-expo-authorize-net.

I am passionate about leveraging AI/ML to create practical, accessible solutions that empower people by solving problems with technology in a meaningful way.

I bring a wealth of experience to the table that extends well beyond just writing code, and I look forward to getting the opportunity to discuss how I can help!

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:** .NET, Laravel, WordPress, Drupal, Shopify, Flask, Django, Express.js, Strapi
- **UI Libraries:** TailwindCSS, Material UI, Bootstrap, Tamagui, Materialize
- **Hardware:** Arduino, Raspberry Pi

Software Development Practices

- **Design & Methodologies:** Agile, Scrum, TDD, OOP, REST vs. GraphQL, SQL vs. noSQL, Microservices vs. Monolithic, Atomic Design, DRY, KISS, YAGNI, Responsive Design
- **Testing & Optimization:** , 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, BitBucket Pipelines, Terraform, AWS CLI, Linux, Vercel, Netlify
- **DevSecOps:** Security Best Practices, OWASP, Penetration Testing, Kali Linux, Burp Suite, Metasploit, nmap, Nikto

Data

- **Relational Databases:** Proficient in managing and optimizing databases with MySQL, PostgreSQL, and SQLite. Skilled in designing schemas, writing complex queries, and ensuring data integrity.
- **NoSQL & Real-Time Databases:** Experienced in using MongoDB for document-oriented storage, Redis for caching and quick data lookup, Firebase for real-time data handling, and DynamoDB for scalable NoSQL solutions.
- **Python Data Tools:** Advanced proficiency with Python for data manipulation and analysis using Pandas and NumPy.

Web Standards & Security

- **Core Web Standards:** Extensive knowledge in building accessible, responsive websites adhering to W3C standards for accessibility and SEO.
- **Security & Compliance:** Proficient in implementing web security best practices, ensuring GDPR compliance, user data deletion, and developing websites in adherence to WCAG guidelines.
- **APIs & Interactions:** REST, SOAP, XML, JSON, YAML, Oauth, WebSocket, GraphQL

Analytics & Performance and more!

- **Tools:** Google Analytics, Google Tag Manager, Web performance analysis and optimization techniques
- **SEO, SEM, SMM:** Advanced understanding of SEO and SEM concepts to boost online presence and engagement, also experienced with social media marketing strategies and tools.

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 obsessed with workflow optimization. (Work smart, not hard!)
- Ability to work under pressure and meet tight deadlines.
- Excellent time management and organizational skills.
- 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 close to 100% code coverage. (Such a fun project! I love unit testing and code coverage reporting.)
- 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 (React Native, Expo, Strapi, TypeScript, GraphQL) _ (March 2021 - April 2022)

- Led cross-platform development of iOS / Android app using Expo SDK (React Native) that interfaced with a Strapi backend built with TypeScript and the Strapi GraphQL API.

Lifecycle Insights, Austin, TX (Remote) *Full Stack Engineer (Vue.js, noSQL, CI/CD)* (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/WordPress)* (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 multiple 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 solutions 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)

- Collaborated with marketing and design teams to develop pixel perfect WordPress themes from design mockups.

- Developed custom WordPress plugins to add unique functionalities tailored to client needs.
- 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 _ (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 on a variety of web stacks (Angular, React, WordPress, Drupal, Laravel, Django)
- Developed 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)

- Helped to engineer and maintained a virtual risk profiling and portfolio construction platform built on the LAMP stack, enabling financial advisors to assess and manage risk for their clients.
- Collaborated with stakeholders 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.

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.
- Led initiatives to implement 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 to enrich user interfaces with animations, integrations and custom implementations.
- Utilized Gravity Forms to create advanced form-based solutions, streamlining data collection and solving real world problems with automation using GravityForms API.
- Resolved config issues with Apache and NGINX servers on multiple Linux distributions(usually CentOS), ensuring optimal server performance and reliability.

Education

Gulf Coast State College - *Associate of Arts* | Panama City, Florida 2012

- Planning & Design, OOP Design Principles, Java I & II, C++ I & II, PHP/mySQL, Web Design