

ANTHONY MERINO

Full-Stack Software Engineer

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TECHNICAL SKILLS

Front End: JavaScript, TypeScript, Python, React.js, Next.js, Drizzle, Tailwind CSS, jQuery, HTML, CSS, Bootstrap, Three.js, JSX, MDX, ChakraUI

Back End: Node.js, Express, MongoDB, PostgreSQL, RESTful API, MERN Stack, PERN Stack, NGINX, Redis, Mongoose, MySQL, OAuth 2.0, Axios, Socket.io, Solidity, Smart Contracts

Testing/Deployment: Jest, Mocha, Chai, React Testing Library, AWS, Docker, CI/CD, Loader, New Relic, k6, PageSpeed Insights

Developer Tools: Vite.js, Truffle, Ganache, Postman, MongoDB Compass, pgAdmin, Git, NPM, Webpack, Babel, GitHub Actions, Git, Webpack, Babel

SOFTWARE APPLICATION DEVELOPMENT EXPERIENCE

Full-Stack Engineer & Product Manager, My Health Coach | [Github](#) | 2023

- Executed a comprehensive health and fitness app with scalable and robust RESTful API, optimizing database queries for superior performance and speed.
- Engineered a secure password-based authentication framework with salt and hashing, integrated multiple third-party OAuth 2.0 Authorization Code Flows, resulting in a 99.99% success rate for user authentication.
- Spearheaded end-to-end CI/CD pipeline design and implementation with Github Actions and Docker, ensuring reliable and frequent software releases with a deployment frequency of 5 times per day.
- Developed a sleek and fully responsive UI/UX with Next.js and Tailwind CSS, including a dark mode feature, delivering an intuitive and engaging user experience with a bounce rate of 15% and an average session duration of 5 minutes.

Full-Stack Engineer, Atelier | [Github](#) | 2022

- Designed and developed a scalable RESTful API, optimizing ETL processes, reducing scaling expenses by 50%.
- Achieved exceptional user experience by managing 10,000 rps with 0% errors and < 5ms response time, and implementing Redis with an LFU eviction policy for efficient data retrieval, resulting in a 40% increase in user engagement.
- Automated ETL of 40GB data with a JavaScript script, streamlined data ingestion and retrieval, deployed an Nginx load balancer, improving platform scalability and reliability, resulting in a 30% reduction in server costs.
- Developed a React front-end, achieved a production build with 100% PageSpeed performance rating and TTI < 1 second, hosted front-end and back-end on AWS EC2 with advanced security protocols, resulting in a 20% increase in user satisfaction.

Founder and President, Civil Protocol | 2020 - 2022

- Founded and led Civil Protocol as President from 2020-2022, overseeing blockchain-based micro-lending initiative, resulting in the issuance of \$2k in micro-loans to small businesses.
- Developed BEP20 smart contract for CFC token, achieving \$1M market cap on Binance Smart Chain, resulting in a >100000% increase in token value within the first 10 months.
- Launched and maintained dApp, supporting small businesses and driving growth in emerging economies, resulting in a 25% increase in active users within the first 3 months.
- Collaborated with fintech experts, contributed to blockchain community growth, and ensured innovation and best practices, resulting in a 40% increase in brand awareness.

CEO, Bashful Elephant | 2020 - 2022

- Deployed and maintained 500 'Crypto Punk' clone NFTs on Polygon blockchain with unique 'Pronoun' trait for LGBTQ+ recognition.
- Hosted 'People Not Punks' NFT collection on OpenSea, resulting in 7 secondary market sales within the first week, increasing brand awareness and accessibility to buyers, resulting in a 60% increase in website traffic.
- Engineered user-friendly NFT minting platform, integrating Metamask and Phantom wallets, resulting in 13% of new NFTs minted within the first 24 hours, resulting in a 35% increase in new users.
- Actively engaged with blockchain and NFT community, contributing to online forums and discussion groups while participating in industry events, resulting in a 20% increase in social media followers.

OTHER EXPERIENCE

General Manager and Director of Operations, HFS Restaurants | 2007 - 2013; 2018 - 2020

- Cut cost to 30% through inventory mgmt and supplier negotiation, saving \$150k annually.
- Trained staff to increase profitability by 10% via inventory management and SOPs.
- Boosted revenue by 7-10% annually, generating \$2M; developed multi-unit expansion plan and achieved 94% satisfaction.
- Developed a multi-unit expansion plan, leading to the successful opening of a new location and generating \$1M in revenue annually.

Director of Business Operations, Avenue Sol | 2017-2018

- Delivered 96% increase in forecasting accuracy, leading to \$50k net income growth.
- Achieved \$100k cost savings through 15% reduction in net costs from vendor negotiation.
- Led cross-functional teams to drive 20% productivity and 25% sales revenue growth (\$1M).

EDUCATION

Certificate in Advanced Software Engineering, Hack Reactor | 2023

- *Intensive 36 week immersive covering full-stack web app development, Agile methodologies, Scrum, TDD, pair programming, algorithms, and data structures.*

Business Management, University of Colorado - Boulder | 2018

- *Leeds School of Business*
- *Focus on Strategy and Entrepreneurship*