

Andres Cabrera

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Self-taught software developer with 10 years of experience with Front End, Backend, Full stack, Cloud, Gen AI and Blockchain technologies with a track record of delivering high-impact solutions for startups, scale-ups, and global brands. Proven ability to work in highly efficient teams in different timezones and continents.

- 2016 - Recognized by Barack Obama, President of the United States, as part of the program Young Leaders of the Americas.
- 2019 - Recognized as a Young Influencer by the Denmark Technical University and invited to the C40 World Mayors Summit in Copenhagen, Denmark.

EXPERIENCE

Vessel · Independent project, Founder

New Jersey, New York
May 2025 – Present

Built a prototype of multiple Gen AI applications using state of the art architectures and proven system patterns. Achieved technical recognition by Stanford PhD and NYU neuroscientists in the New York Tech Week 2025.

- **Technologies:** Pydantic, LangGraph, Graphiti, temporal.io, inngest, Cartesia, Deepgram, elevenlabs, AG-UI, Livekit, Ory Kratos, LangSmith, Prompt Engineering, pgVector, Claude Code, Puppeteer, Docling, Qdrant, RAG

Realio · Full-stack Blockchain Engineer - Fintech

New York, New York
June 2023 – May 2025

Full stack Engineer at Realio, a leading RWA tokenization startup globally,

- Implemented a Decentralized Peer To Peer OTC trading, bridging and swap multi chain application from scratch using React.js, Flask, Celery, Redis, MySQL, Postgres, NodeJS, 0x and k8s.
- Implemented a Know your client (KYC) system using automations and DocuSign advanced integrations.
- As a Full-stack blockchain developer I significantly contributed to Realio's pioneering position in the industry. I played a key role in technology strategy and implementation, driving innovation and advanced multi chain products for the blockchain industry and the Real World Assets (RWA) tokenization sector.
- **Technologies:** Cosmos SDK, P2P & OTC market implementations, Wallet management, Ethers.js, hardhat, Stellar, EVM networks (Ethereum Virtual Machine), Solidity, Smart Contracts, ERC-20, ERC-721, ERC-1404, KYC workflows, Multi-chain bridges and whitelisting, Advanced Access Control, Dapps, ReactJS, NodeJS, Python, Kubernetes, Docker, Styled components, Framer Motion (Custom React Animations), Solidity, MetaMask, Keplr, Hubspot, Box, n8n

IfThen - SME Front End [contract]

Atlanta, GA - Remote

January 2023 – June 2023

- As part of the Halloween campaign “What the Fanta” of the Coca-Cola company, I implemented a personalized animated React.js interactive app using scroll events to tell an animated story to the user for the in the US and Canada.
- Developed a React app with Adobe Experience Manager for 6 continents and 44 countries multi language web portals for one of the most important financial corporations in the world.
- Created custom social sharing functionalities such Baidu integration and SEO tweaks to be compatible with the Chinese versions of the portal and Chinese search engine optimization.
- Implemented test automation strategies to ensure the stability and quality of the codebase.
- **Technologies:** Adobe Experience Manager (AEM), Typescript, CSS modules, Webpack Jest, SASS, PostCSS, Axios, Shopify integrations, Marketo integrations, Microsoft Clarity, Baidu & WeChat, SEO, Screaming Frog, Localization and i18n optimizations, Google Analytics.

EverlyHealth - Sr Software Engineer [contract]

Austin, TX - Remote

January 2022 – January 2023

- Led the development of critical features for a Telehealth platform with more than 1M daily users, resulting in improved product strategy and development, cost savings, increased revenue, and improved user health outcomes.
- Supported growth inside the company by continuously suggesting novel work methodologies and technologies to add/remove from the stack and improved processes that resulted in a better transition by doubling the engineering team to more than 200 engineers.
- **Technologies:** Ruby on Rails, Python, ReactJS, React Query, Redux, Redux Thunks, Jest, Styled components, SASS, Webpack, Axios, Cypress, React Testing Library, A/B Testing, AWS, Docker, Kubernetes, Contentful, Mixpanel, Datadog, Figma, OpenZeppelin, Google Analytics, Hubspot.

AstraKode Blockchain - Software Architect consultant [contract]

Pescara, Italy - Remote

January 2021 – January, 2022

- Designed, documented, and implemented a no-code platform using AWS, React and Python to create, design, and deploy Solidity based smart contracts in the Ethereum Network.
- Coordinated with stakeholders in the management and Engineering teams on the requirements and development of future functionalities and proof of concepts.
- Integration of Stripe payment system to handle subscriptions.
- Creation of automated pipelines and infrastructure using AWS Cloud Formation to standardize infrastructure and optimize processes.
- **Technologies:** Solidity, AWS DynamoDB | AWS S3 | AWS Lambda | AWS Cloud Formation | AWS Cognito | AWS EC2 | AWS Amplify | AWS API Gateway, LeadBI, Stripe, NodeJS,

TypeScript, Redux, React, Angular 10, RxJS, SASS, Webpack, Babel, NodeJS, Axios, Jest, Google Analytics, Python.

Scout.cool Blockchain - Principal Engineer

NYC & San Francisco - Remote

Apr 2019 – January 2021

- Led and implemented a Block Explorer application using NodeJS, ReactJS, Heroku and MongoDB for Ethereum protocols, using advanced multithreading implementations in the Frontend and heavy data interactions with Mongo Aggregation and Mongo Atlas data lake integrations, with complex data visualizations using the main network and testnets of the Ethereum protocol.
- Implemented data aggregation queries, data visualization with Google Charts, app performance optimization, hiring, and engineering processes optimization, resulting in a performant application that served some of the most important protocols in the industry such dYdX, Livepeer, Uniswap among others.
- Implemented new features, production support, code reviews, new team members training, and codebase improvement using automated processes and communication protocols.
- **Technologies:** Solidity, ReactJS, NodeJS, Redux, MobX, Redux Thunks, Web3, Mongo Compass, MongoDB, Hardhat, Ethers.js, Ganache, Infura, Truffle, OpenZeppelin standard, web3.js, DApps implementation, Svelte, Jest.

Belatrix Software Blockchain - Lead Engineer - Architect

NYC & San Francisco - Remote

June 2018 – Apr 2019

Blockchain Startup. Worked as a Lead UI Engineer for one of the most promising Blockchain startups. Implemented an AI model from scratch using python for image generation using the Deep Convolutional Generative Adversarial Network model architecture and used Google Prediction API to implement sentiment analysis.

Belatrix Software - UI Engineer

New York - Remote

June 2017 – June 2018

- European Bank. JavaScript and TypeScript Engineer. Implemented new functionalities for state management and asynchronous operations across multiple iterations for a job climate analysis platform.
- **Technologies:** AngularJS, Angular v2, 4, 5, 6, Angular Material, RxJS, Apollo, GraphQL, TypeScript, Redux, SASS, Webpack, TensorflowJS, NodeJS

MDS Digital - Front End Engineer

Digital Agency, Santa Monica, CA

Oct 2014 – Jun 2017

- Implemented an AI sentiment analysis system using Socket.io, NodeJS and IBM Watson to analyze the tweets of prominent figures and detect their mood when the tweet was written.

Developed applications from scratch in Cordova, React, Angular using NodeJS, PHP and Javascript for global brands such as Coca Cola, Nissan, Disney, ESPN, Gillette, and the Smithsonian Institution among others.

- **Technologies:** ReactJS, AngularJS, Angular 2-6, Redux, Ionic, Google Prediction API, IBM Watson API, Twitter API, Socket.io, Google Maps API, SASS, LESS, Flexbox, Laravel, Wordpress, SEO optimization, Webpack, Gulp, Browserify, NodeJS, ExpressJS, SailsJS, Bootstrap, Foundation.

DJES - Web Engineer

Bogota, Colombia

Apr 2013 – Oct 2014

- Developed digital experiences for small businesses with websites and Facebook applications. WordPress, Business Catalyst CMS implementations. Measurement of Digital Marketing effectiveness with specific tracking actions and tools such heat maps. Implementation of simple REST API with Django.

- **Technologies:** SASS, LESS, Business Catalyst, Wordpress, Webpack, Python, Django.

EDUCATION: High School - Colegio Franciscano del Virrey Solis - Bogota DC, Colombia, 2007