ANDRES CABRERA

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Phone: +1 (929) 599-6360 | **Location:** New Jersey (45m of NYC)

SUMMARY

12+ years building 0→1 products at a billion-dollar scale. Led teams across 4 continents. Shipped applications at scale securing Series A &C funding.

Recognition: President Obama Young Leaders of Americas (2016) recognition for neural network disease detection | Denmark Tech University Young Influencer (2019) - America representative to world leaders at C40 Summit

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EXPERIENCE

Vessel · Independent Research Project

May 2025 – Present

Prototyped Gen AI apps and AI infrastructure at scale using LangGraph, Graphiti, and temporal.io—earning recognition from Stanford PhDs and NYU neuroscientists at NY Tech Week.

- Architected memory layer for AI systems enabling contextual reasoning across 100K+ tokens
- Built real-time voice AI pipelines with <300ms latency using Cartesia, Deepgram, ElevenLabs

Realio · Full-Stack Blockchain Engineer

June 2023 – May 2025 | $50M+ Platform Assets

Spearheaded full-stack development at Realio, building decentralized OTC trading and multi-chain bridging from scratch—advancing RWA tokenization at global scale.

- **Engineered automated KYC workflows with advanced DocuSign integrations, streamlining compliance for multi-chain fintech operations**

- **Drove Realio's blockchain product strategy, delivering multi-chain smart contracts and wallet infrastructure across Cosmos, EVM, Stellar and Algorand**
- Shipped P2P platform managing $50M+ digital assets with zero security incidents
- Reduced transaction costs 40% through gas optimization and prevented MEV attacks

IfThen · Full-Stack Software Architect [Contract]

January 2023 – June 2023

Built interactive React.js experience for Coca-Cola's "What the Fanta" campaign, integrating advanced animated storytelling experience.

- **Delivered multilingual React + AEM animated portal across 44 countries, optimizing localization, SEO, and social sharing for global financial client**
- **Engineered Baidu-compatible social sharing and SEO enhancements for Chinese market deployment**
- 45% engagement increase

EverlyHealth · Senior Software Engineer [Contract]

January 2022 – January 2023 | $1B+ Valuation

Led feature development for EverlyHealth's telehealth platform processing 1M+ users, improving product strategy, cost efficiency, and health outcomes.

- Delivered HIPAA compliant telehealth feature handling 1M+ daily transactions with 99.99% uptime.
- Reduced costs $2M+ annually, increased revenue 15%
- Championed engineering excellence during expansion from 50 to 250+ engineers

AstraKode Blockchain · Software Architect [Contract]

January 2021 – January 2022

0→1: Architected no-code Solidity platform, building world-class AWS infrastructure that secured Series A funding.

- Engineered serverless architecture handling 1K+ deployments/month with Stripe integration
- Achieved 100% infrastructure-as-code with CloudFormation

Scout.cool Blockchain · Principal Engineer

April 2019 – January 2021

Led Block Explorer serving dYdX, Livepeer, Uniswap ($1B+ Total Value Locked tracked).

- Engineered high-performance blockchain data platform with MongoDB data lake, processing real-time mainnet data with multithreaded architecture
- Hired and mentored 6 engineers

Belatrix Software · Lead Engineer - Blockchain

June 2017 – April 2019

0→1: Built AI image generation using Deep Convolutional GANs.

- Led UI architecture for blockchain startup ($5M seed)
- Improved performance 40% through state optimization

MDS Digital · Frontend Engineer

October 2014 – June 2017

Built AI sentiment analysis processing 1M+ tweets/day for Coca-Cola, Disney, ESPN.

- Launched 20+ production applications with 99.9% uptime

DJES · Web Engineer

April 2013 – October 2014

Built digital experiences for SMBs using WordPress, Django REST APIs.

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Python, Solidity, Ruby
Cloud/Infrastructure: AWS, GCP, Azure, Digital Ocean, Supabase, Kubernetes, Docker, CloudFormation
AI/Blockchain: LangGraph, LangChain, RAG, Vector DBs, EVMs, Cosmos SDK, Smart Contracts, Bridge, Swaps, Perpetual.
Architecture: Microservices, Event-Driven, Serverless, Distributed Systems

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EDUCATION

High School Diploma - Colegio Franciscano del Virrey Solis, Bogota, Colombia (2007)