

Carlo Miguel Dy.



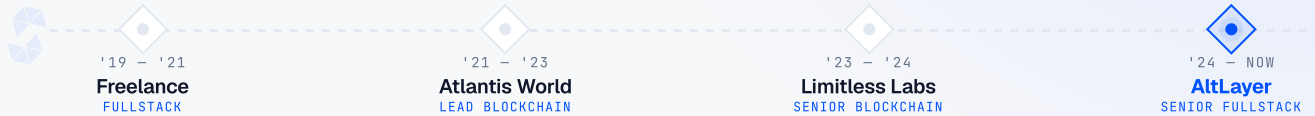
Senior Fullstack Engineer — **Web3 + AI-augmented**, end-to-end.

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TX_001 7+ yrs SOFTWARE	TX_002 4+ yrs WEB3 · DEFI	TX_003 4x FOUNDING ENG	TX_004 \$1M+ ETH NFT RAISE SHIPPED
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CAREER-CHAIN · GENESIS → HEAD

4 CONFIRMED BLOCKS · HEAD=ALTLAYER



0X SUMMARY // 01

I ship Web3 products and **AI-augmented systems** end-to-end — concept → contract → frontend → ops → tests → prod — with senior judgment. Daily practice: **harness engineering** + multi-agent orchestration, MCP servers, Claude Code + Codex + Multica AI against real product workloads.

0X EXPERIENCE // 02

AltLayer — Senior Software / Product Engineer

Sep 2024 — Present · Remote

FOUNDING FE · RUMOUR + AUTONOME · MCP PLATFORM LEAD

- Founding FE engineer on **Rumour** (later FE lead) + **Autonome**; shipped features across Wizard/RaaS, AVS-aaS, 8004scan, AltLLM, AltClaw + MCP platform with the product team (FE, BE, design).
- MCP platform (de-facto lead)** — Next.js → stateless Hono migration without breaking the public API; collapsed ~400 raw tools to ~20 router-orchestrated tools across swap, staking, lending, DEX, wallet, bridge, prediction; bulk of integrations across Spark, EigenLayer, 1inch, OKX, LI.FI, OpenSea, Kalshi, DefiLlama.
- Rumour (FE lead)** — pixel/Minecraft UI shipped from one React + Vite codebase as PWA + Farcaster Miniapp + LINE DappPortal; Hyperliquid perps; OKX + LI.FI bridging; Privy embedded wallets.

Limitless Labs — Senior Blockchain Engineer

Dec 2023 — Sep 2024 · Remote

FOUNDING ENGINEER · LIMITLESS EXCHANGE (BASE)

- Built backend architecture for a Web3 prediction-markets platform on Base — **NestJS, Fastify, Prisma, PostgreSQL** — domain-driven services that safely targeted Base Mainnet / Sepolia / UAT / local from one codebase.
- Automated end-to-end market creation across frontend → backend → smart contract → Gnosis Safe multisig; collapsed a manually-assembled flow into a single operator action.
- Wrote comprehensive Hardhat + Foundry coverage for the Conditional Tokens Framework lifecycle; stood up an Envio indexer + Slack/Discord trade-alert bots for one live operational feed.

Atlantis World — Lead Blockchain Engineer

Dec 2021 — Dec 2023 · Remote

FOUNDING ENGINEER · ≈\$1M ETH NFT RAISE · LATER REBRANDED TO LIMITLESS LABS

- Promoted to lead blockchain engineer — 2D pixel-art Web3 metaverse with in-game Defi NPCs. Owned 11 integrations end-to-end (**Yearn, 1inch, Balancer, Aave, Perpetual Protocol, Moola, Lens, Filecoin, Snapshot, NFT.Storage, POAP**); contributed to 5 more alongside the team (Trader Joe, mStable, Float Capital, Swapr/dYdX, ENS).
- Ran the live NFT-sale shift — ≈\$1M ETH raised. Authored Next.js 13 sale dApp (RainbowKit + wagmi) + audited Solidity ERC-721 contract + Node.js Merkle allowlist service.

0X CHAINS · PROTOCOLS // 03

Ethereum	Base	Polygon	Optimism	
Hyperliquid	LI.FI	1inch	Balancer	OKX
Uniswap	OpenSea	Gnosis Safe	Privy	
CDP Wallets	Conditional Tokens	Envio		
The Graph				

0X STACK // 04

- FRONTEND**
TypeScript · React · Next.js · Tailwind · shadcn/ui · Framer · PWA · Figma-to-production
- BACKEND**
NestJS · Hono · Fastify · Node · Python · Postgres · Prisma · DDD
- WEB3**
Solidity · Viem · Wagmi · Foundry · Hardhat · Ethers · TypeChain
- AI · AGENTIC**
Harness engineering · multi-agent orchestration · autonomous loops · MCP servers · router-style tools · OpenRouter · Figma MCP · **Claude Code · Codex · Multica AI**
- TESTING · INFRA**
Playwright · Synpress · Vitest · Vercel · GH Actions · Docker · K8s · Helm · GCP · AWS · Capacitor

0X SELECTED IMPACT // 05

- ~400 → ~20 — MCP tools collapsed via router orchestration so small models pick 1-of-10 instead of 1-of-hundreds.
- ≈\$1M ETH — community NFT raise shipped end-to-end at Atlantis World.
- ~97% pass — dual-model LLM validation harness over ~37 protocols / ~176 MCP tools.
- Manual → 1-click** — market creation at Limitless Exchange across FE → API → contract → Gnosis Safe.

0X CREDENTIALS // 06

MSU-IIT

B.S. Information Technology · Database Systems · Iligan Institute of Technology