Ankush Jha

Researcher | Developer | BD

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Experience

The Block (Crypto Media Firm)   **Remote**
Research Analyst   *Sep 2024 – Feb 2025*

- Conducted research on latest crypto trends and analyze various sectors within the industry. My work involved data analysis, on-chain metrics evaluation, and other relevant research activities.
- Contributed to a data pipeline for tracking funding activity, utilizing sources such as DeFiLlama, CryptoRank, and Crypto Fundraising.
- Authored a research report on security vulnerabilities in the Web2 and Web3 environments. Available at: theblock.co.

FXDX (On-chain derivatives exchange)   **Bangalore, Karnataka**
Backend Developer   *May 2024 – Jul 2024*

- Developed APIs that provide real-time prices for specific assets, handle the submission of price candles to the Mongo DB, and optimize these processes by integrating Redis for in-memory caching and enhancing performance.
- Designed and implemented backend keepers responsible for fetching prices, executing user requests, and managing asset configurations, deposits, withdrawals, and orders.
- Led the creation of subgraph for our platform's v2. I successfully migrated the v1 subgraph to Envio, a faster and more efficient alternative, significantly improving data retrieval performance.

FXDX (On-chain derivatives exchange)   **Bangalore, Karnataka**
Blockchain Developer   *Aug 2023 – Dec 2023*

- Designed and implemented the entire backend infrastructure for the airdrop dashboard, which involved retrieving trading data from the subgraph and performing calculations to determine eligibility and distribution amounts.
- Utilized worker threads to query data from the subgraph in parallel, I significantly improved the efficiency and speed of the net airdrop calculations.
- Wrote comprehensive tests for the IDO contract and created subgraphs to track the vesting duration and amount vested for investors, ensuring accurate and transparent reporting.

Kryptomerch (NFT marketplace on Kadena)   **Remote**
Community Lead   *Aug 2022 – May 2023*

- Managed Kryptomerch's socials and contributed to the successful IDO of the DB Cooper NFT collection which was launched on Kryptomerch NFT marketplace.

Skills

Languages: C, C++, HTML/CSS, Java, JavaScript, Typescript, Solidity, SQL, Go
Software/Tools: Mongo DB, Redis, Ethers, Viem, Vercel, hardhat, TheGraph, Envio, AWS EC2, Supabase

Education

Vellore Institute of Technology   **Chennai, India**
B.Tech Computer Science with CPS as spec (**CGPA:** 8.57)   *September 2021 – July 2025*