

Ankush Jha

Full Stack Blockchain Developer

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🐙 github.com/noveleader

🌐 www.noveleader.xyz

Experience

FXDX

Backend Developer

Bangalore, Karnataka

May 2024 – July 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

Blockchain Developer

Bangalore, Karnataka

August 2023 – December 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 (Initial DEX Offering) contract and created subgraphs to track the vesting duration and amount vested for investors, ensuring accurate and transparent reporting.

Projects

SimplyDex:

- Developed a fork of GMX v1 focusing on implementing Account Abstraction (AA) and Paymaster features.
- Collaborated with a team of 5 developers, leading the backend development efforts which involved deploying all the contracts, keepers, and subgraph.

Health Record:

- Flutter app that stores patient details on blockchain and gives patient data access to specific addresses or users allowed by patients.
- Repository: github.com/Noveleader/Hackathon-Flutter

Skills

Languages: C, C++, HTML/CSS, Java, JavaScript, Typescript, Solidity, SQL

Software/Tools: Mongo DB, Redis, Ethers, Vercel, hardhat, TheGraph, Envio, AWS EC2

Education

Vellore Institute of Technology

B.Tech Computer Science with CPS as spec (CGPA: 8.6)

Chennai, India

September 2021 – July 2025

Rawal International School

Class 12th, CBSE (Percentage: 95.6)

Faridabad, India

April 2020 – June 2021

Rawal International School

Class 10th, CBSE (Percentage: 96)

Faridabad, India

April 2018 – April 2019