

Namit Jain

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Education

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE

06/2017 – 08/2021

GPA: 8.93

Work Experience

Rapid Innovation (<https://www.rapidinnovation.io/>)

Remote

LEAD SOLIDITY ENGINEER

10/2020 – Present

- Developing, testing and deploying smart contracts on the Ethereum blockchain and other blockchain platforms using Solidity programming language.
- Designing and architecting complex decentralized applications (dApps) using blockchain technologies.
- Collaborating with other engineers and clients to identify and develop new use cases and features for the dApps.
- Managing and leading a team of solidity developers, providing guidance, feedback, and mentorship to ensure high-quality deliverables and successful project outcomes.
- Conducting code reviews, identifying and addressing technical debt and other issues, and ensuring adherence to best practices and coding standards.
- Developing and maintaining documentation for smart contracts, dApps, and other related technologies.
- Interacting with external clients and stakeholders to understand their requirements and provide guidance on the feasibility and implementation of their proposed blockchain solutions.

Skills

Programming Languages: Solidity, Javascript, Typescript, Rust (Beginner), React (Beginner), AI Prompts
ERC Standards and Proxy Patterns: ERC20, ERC721, ERC1155, EIP-2535 (Diamond Proxy), Other Proxy patterns
Framework and Tools: Nest JS (core), Hardhat, Subgraph, web3 and ethers.js

Projects

Planet Finance (03/2021 - 07/2022)

Solidity, Hardhat, Web3, Typescript, Javascript

PLANET FINANCE IS A DECENTRALIZED FINANCIAL PROTOCOL THAT COMPRISES A VARIETY OF PLANETS, EACH WITH ITS OWN DISTINCT APPLICATION. THE BLUE PLANET SERVES AS A YIELD FARMING PLATFORM, THE GREEN PLANET FUNCTIONS AS A LENDING PROTOCOL, AND AN AUTOMATED MARKET MAKER (AMM) WITH ADDITIONAL TOOLS LIKE ZAP AND CONVERT LP TOKENS

<https://app.planet.finance/>

Exo Finance (01/2022 - 09/2022)

Solidity, Hardhat, Web3, Typescript, Subgraph

EXO IS THE NEXT GENERATION OF DE-FI CROSS-CHAIN SWAP INFRASTRUCTURE, A COMMUNITY-ORIENTED PROJECT CHANGING THE WAY CRYPTOCURRENCY IS TRADED AND PROVIDING PREVIOUSLY UNSEEN LEVELS OF CONTROL AND FLEXIBILITY IN THE HANDS OF INVESTORS AND PROJECTS. NEW WAYS OF SETTING DYNAMIC FEES ON THE CREATED PAIRS , NEW WAY TO VEST THE TOKENS ETC.

<https://exo.fi/>

Dibz (9/2022 - 04/2023)

Solidity, Hardhat, Web3, Subgraph, Ethers, Typescript

A WEB GAMIFICATION TRADING PLATFORM WHERE USERS CAN ENJOY PLAYING PREDICTION GAMES BASED ON THE PERFORMANCE OF REAL-TIME US EQUITY STOCKS. USERS CAN EARN REWARDS BY PREDICTING THE STOCK PRICE FLUCTUATION IN VARIOUS GAMES OFFERED ON THE PLATFORM.

Private Repository

Blog Beat

React, Langchain, Typescript, Javascript, Nest Js

DEVELOPED A PROJECT LEVERAGING CHATGPT FOR CONTENT FORMATTING, WEB SCRAPING FOR REAL-TIME DATA RETRIEVAL, LANGCHAIN FOR SUMMARIZATION, AND REPLICATE TO GENERATE IMAGES BASED ON PROMPTS. CREATED A BLOG PLATFORM THAT DYNAMICALLY PRESENTS UP-TO-DATE INFORMATION, ENHANCING USER EXPERIENCE AND ENGAGEMENT.

Private Repository

Portfolio NFT

A PROOF-OF-CONCEPT PROJECT SHOWCASING THE INTEGRATION OF NFTS IN MANAGING PORTFOLIOS ON A YIELD FARM. IMPLEMENTED A USER-FRIENDLY INTERFACE ALLOWING USERS TO CREATE MULTIPLE INVESTMENTS USING A SINGLE WALLET. ENABLED NFT SHARING IN MARKETPLACES, FACILITATING RENTAL AND AUCTIONING OF INVESTMENTS.

Solidity, Subgraph, Web3, React

<https://devfolio.co/projects/portfolio-nft-036f/>

Solidity Assembly Examples

SOLIDITY IS A HIGH-LEVEL PROGRAMMING LANGUAGE THAT IS COMMONLY USED TO WRITE SMART CONTRACTS, AND IT ALSO PROVIDES AN ASSEMBLY-LIKE LANGUAGE CALLED "INLINE ASSEMBLY" FOR LOW-LEVEL OPERATIONS. ASSEMBLY OPCODES ARE LOW-LEVEL INSTRUCTIONS THAT CAN BE USED TO PERFORM OPERATIONS DIRECTLY ON THE ETHEREUM VIRTUAL MACHINE (EVM). THIS TOPIC AIMS TO SHOWCASE SOME EXAMPLES OF SOLIDITY INLINE ASSEMBLY OPCODES AND COMPARE THEM TO THEIR EQUIVALENT IMPLEMENTATIONS IN SOLIDITY. BY DOING SO, IT CAN HELP DEVELOPERS UNDERSTAND THE BENEFITS AND DRAWBACKS OF USING INLINE ASSEMBLY, AS WELL AS WHEN IT IS APPROPRIATE TO USE IT INSTEAD OF SOLIDITY CODE.

Solidity, Hardhat

https://github.com/Namit1867/Solidity_Assembly_Examples