

Anthony Nguyen

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Professional Summary

As a senior software engineer with 4 years of crypto and web3 experience, I am a hard-working, versatile jack of all trades, proficient in React, Node.js, and Solidity, with a passion for delivering innovative solutions in the fast-paced world of blockchain and AI technology.

Technical Skills

Development Languages

TypeScript, Solidity, Python, Golang, Rust

Technologies

Ethereum, Node.js, React, Nest.js, Ethers.js, EVM, Prisma, Postgres, Jest, AWS, Redis, OpenAPI, Docker, GraphQL, Hardhat, Foundry, NFT, DeFi, ChatGPT, AI

Tools

GitHub, VSCode, Figma, Excalidraw, DataDog, Insomnia, DBeaver

Experience

Lead Engineer

01/2022 – 03/2023

LookLabs, Remote, US

- Architected and developed play-to-earn (P2E) virtual breeding game using React, Node.js, AWS and Solidity
- Developed highly gas-efficient smart contracts for NFT collections, rarity reveal and staking
- Developed NFT indexer that tracks transfers of game asset NFTs, and monitors smart contract events

Senior Software Engineer

02/2021 – 12/2021

Privi Protocol, Remote, EU

- Built NFT listener services to catch NFT mint and transfer events on the EVM chains and Solana
- Built microservice-based backend for providing the most reliable API ecosystem with continuous NFT scrapping and syncing on EVM chains
- Worked on the ERC20 launchpad project as a full-stack engineer integrating smart contracts and developing the REST API

Senior Frontend Engineer

01/2020 – 01/2021

Nextdoor, Toronto, Canada

- Built the React UI library (called Blocks-web) of Nextdoor design system, which is adopted as a base UI library across all web projects of the Nextdoor ecosystem
- Built the design system website using React, Next.js, and Nextra, with dark mode support
- Researched integrations of various technologies to meet the product requirements, and implemented successfully

Self-taught Web3 Engineer

10/2019 – Present

Self-employed, Remote, Canada

- Developed degen skills as an engineer in the crypto industry
- Spent decent amount of time in learning Ethereum, Solidity and other EVM chains
- Contributed to the crypto projects through bug bounties and technical assistance
- Developed scripts to snipe liquidity and make profitable trades on Uniswap and Pancakeswap
- Developed on-chain analysis skills on Etherscan and using related tools
- Contributed to the development of NFT industry through white-hat reports on NFT launch, rarity reveal and smart contract issues

Full-stack Engineer

08/2015 – 08/2019

Cromatix, Montreal, Canada

- Worked as a core contributor to build a design system UI library using React, TypeScript, and Material-UI
- Executed the strategy laid out by CTO and built the core frontend architecture of a twitter-like social media platform for worldwide gamers
- Built a poster automation tool using React, Node.js, PHP, Imagemagick, and Python for UTPProducts, and helped the client to raise \$1M in their seed round

Projects

420 game

10/2021 – 08/2022

Being early and lead engineer, I led the development from smart contract, game backend, frontend and to the launch

- Developed NFT and staking smart contracts with innovative ideas like on/off-chain hybrid approaches
- Architected the DB schema, built the custom NFT indexer and REST API

Education

Concordia University

2011 – 2015

Bachelor of Computer Science