

Sinke Legesse Lete

Full Stack & Web3 Developer

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Hyattsville, MD, USA



SUMMARY

Sinke has been a highly experienced **blockchain** and back-end developer for 6+ years. He is passionate about learning and exploring new technologies, especially in the blockchain space. Sinke has expertise in Hyperledger Fabric and EVM-compatible blockchains. He is also comfortable working with the Ethereum virtual machine (**EVM**) networking stack, including core protocol details, node codebases, Solidity, and **smart contract** development. Furthermore, he is proficient in working as a full-stack developer and has hands-on experience in various technologies and frameworks like **React** and **Angular** on the client side and Node.js/Express, PHP/Laravel, and Golang on the back end.

EXPERIENCE

03/2021 - 04/2024

Blockchain & Web3 Developer

Superlayer

- Worked as the lead blockchain developer for Superlayer. Designed, developed, and deployed ERC-721 and ERC-1155 Solidity smart contracts for the Ethereum and EVM-compatible blockchains.
- Developed an Ethereum NFT marketplace for listing Bitcoin ordinal inscriptions with full function to create, mint, and list EVM NFTs representing inscribed Bitcoin ordinals, BRC-20 tokens, and name inscriptions.
- Collaborated with cross-functional teams to integrate new features and enhancements into existing products, ensuring compatibility and scalability across multiple blockchain networks.
- Designed and developed a REST API for storing Bitcoin inscription off-chain data such as collection value, curation, real-time pricing of listed NFTs in terms of ETH/USD, etc. The API utilized MongoDB for storage.
- Participated in community engagement activities to promote cross chain liquidity solutions and gather feedback from the broader blockchain community.

06/2020 - 03/2021

Blockchain Developer

loanDepot

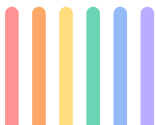
- Built and deployed a "blockchain bridge" that connects different blockchains and enables cross-chain integrations.
- Developed and deployed complex smart contracts and decentralized applications (dApps) on Ethereum, Binance Smart Chain, and other blockchain platforms.
- Collaborated with team members to make an Ethereum wallet that removed and added specific functionalities to the basic Metamask web3 wallet.
- Added permissions to the web3 wallet where it can be used by team members who do not possess administrative rights and permissions to the firm's treasury wallet(s).
- Contributed to the development of cross-chain interoperability projects and explored Layer 2 scaling solutions.
- Assisted in designing a team workflow that allows for close supervision of trading strategies by platform administrators.

02/2020 - 05/2020

Web3 Developer

Draper Goren Holm

- Built Ethereum smart contract web apps using development tools such as Truffle and Hardhat, with React and Next.js as front ends.
- Spearheaded projects involving blockchain architecture and design, focusing on Web3 and decentralized networks.
- Demonstrated expertise in various technologies, including Go, Cosmos, Ethereum, MetaMask, and Web3.js.
- Developed back-end and front-end solutions for clients that required KYC and AML expertise. I developed the back end in Node.js and the front end in React.
- Integrated Chainlink Price Feeds into multiple ICOs to provide full conversion in USD for every major supported cryptocurrency. This ensured strict USD limits that were compliant with KYC and AML rules.





EXPERIENCE

04/2018 - 01/2020

Web Developer

analytica

- Developed a React web app that graphs user data and generates relationship and network graphs based on data analytics from a MySQL database.
- Designed and implemented user interface components using modern front-end frameworks and libraries.
- Developed 5 web applications by collaborating with senior engineers, enhancing software development processes.
- Engaged in code reviews and collaborated with team members to maintain code quality and adherence to coding standards.
- Participated in team meetings and brainstorming sessions to discuss project requirements and design solutions.

EDUCATION

04/2015 - 10/2017

Bachelor of Computer Science University of Maryland at College Park

SKILLS

Programming Languages

JavaScript TypeScript Rust Golang Python Solidity

API, Environment, Testnet

Moralis Hardhat Sepolia

Web Technologies

HTML CSS JavaScript React.js Next.js Angular.js Vue.js TailwindCSS

Databases

PostgreSQL MySQL MongoDB Prisma Drizzle Supabase

Web3 Technologies

Web3.js Ether.js Truffle Transaction encoding Transaction decoding Transaction broadcasting

Blockchain Protocols

Ethereum Binance Smart Chain EVM BTC SOL

Other Skills

Smart Contract DeFi Application Mempool MEV Solution design Scalable RPC infrastructure

Advanced monitoring Protection Dapps

