

Tony Smith

📍 Gloucester, UK
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Skills

Languages

JavaScript, HTML, CSS, Solidity, TypeScript, MQL, Python



Frameworks and Libraries

React, Next, Express, Hardhat, Nest, Tailwind CSS, Ant Design, Wagmi, Web3.js, Ethers.js, Redux, JWT, web3.py, NumPy, Pandas, Jupyter



Tools

Git, VS Code, Jira, Webpack



Education

University of Manchester

Bachelor of Science

2013 - 2017

Computer Science

Certifications

AWS

Interests

Continuous learning
Decentralized applications

Full Stack Engineer specializing in Solidity, Web3 technologies, and decentralized applications. Proficient in React.js, Next.js, Node.js, Python, and web3.py, with strong knowledge of Eth1 protocols, proof of stake, and DeFi. Passionate about advancing blockchain technology, contributing to open-source projects, and ensuring secure smart contract audits

Experience

Taiko Labs

Senior Web3 Full Stack Engineer

2022 - present

Hong Kong

- Developed a decentralized application (dApp) to establish a token and NFT bridge between Taiko's proprietary blockchain and the Ethereum network.
- Built 6+ responsive user interfaces using TypeScript, React.js, Next.js, and Tailwind CSS, resulting in a 25% increase in user engagement.
- Implemented event-driven architecture using Node.js and ethers.js to enhance real-time data processing and interaction with the Taiko network.
- Executed strategic optimizations in smart contract architecture, resulting in a 20% reduction in gas fees, enhancing cost-efficiency and transaction affordability for users.
- Utilized Python for data analysis and scripting tasks related to blockchain protocol improvements and smart contract optimizations.

Evident Proof

Web3 Full Stack Engineer

2019 - 2022

London, UK

- Developed React.js frontend components and interfaces, achieving 30% faster loading times and seamless integration with blockchain functionalities to enhance data transparency.
- Engineered and deployed smart contracts on the Ethereum blockchain using Solidity, improving data verification efficiency by 40% and ensuring robust proof of evidence for secure transactions.
- Implemented a robust backend system with Node.js and Express.js to enhance data verification and secure digital proof capabilities, reducing processing time by 30%.
- Employed Python for backend services and data processing, including scripting for blockchain analytics and integration with data oracles.

Squiz

Junior Full Stack Engineer

2017 - 2019

London, UK

- Collaborated with engineering and design teams to integrate external APIs into web pages and applications for small businesses.
- Participated in code reviews, debugging sessions, and continuous integration/deployment processes using GitHub.
- Wrote 80+ unit tests to verify the functionality of user interfaces, back-end processing, connectivity, and relational database interactions.
- Developed and deployed 5 RESTful APIs using Node.js and Express.js, achieving 99.9% uptime across production environments.
- Applied Python for creating automation scripts and data analysis tasks to improve API performance and monitor system health.