

Tony Smith

Web3 & Full Stack Engineer

📍 Gloucester, UK

✉ butterfly_tony@outlook.com

🌐 <https://portfoliotonyasset.netlify.app/>

Skills

Core Technologies

JavaScript, TypeScript, HTML, CSS



Front-End Frameworks & Libraries

React, Next.js, Tailwind CSS



Back-End Frameworks & Libraries

Express, Nest.js, RESTful API, GraphQL



Databases

MongoDB, SQL



Web3 & Blockchain Technologies

Solidity, Web3.js, Hardhat, Ethers.js, Wagmi, Viem



Development Tools

Git, VS, Code, Jira, Webpack, Docker



Cloud & DevOps

AWS



Education

University of Manchester

Computer Science
Bachelor of Science
2013-2017

Interests

Continuous learning

Decentralized applications

Certifications

AWS

Full Stack Engineer with extensive experience in building web applications using React.js, Next.js and Node.js, combined with a solid foundation in Web3 technologies. Demonstrated expertise in developing data-driven features, optimizing application performance, and integrating diverse solutions. Proven ability to work effectively with cross-functional teams to deliver impactful, efficient solutions that enhance user experience and drive business objectives.

Experience

Taiko Labs

Senior Web3 Full Stack Engineer

2022 – Present

Hong Kong

- Led the design and development of 6+ high-performance decentralized applications utilizing React, Next.js, and TypeScript, resulting in a 40% increase in user engagement and a 30% improvement in application scalability
- Engineered a robust token and NFT bridge between Taiko's blockchain and Ethereum, optimizing smart contract interactions to reduce gas fees by 20%
- Designed and implemented real-time event-driven architecture using Node.js, TypeScript, and ethers.js, significantly improving data processing and user engagement by 25%
- Led A/B testing initiatives, driving a 15% increase in conversion rates and a 10% reduction in user churn through data-driven feature optimizations
- Collaborated with cross-functional teams to define technical requirements and achieve 9+ project milestones on time, enhancing project efficiency by 23%

Evident Proof

Web3 Full Stack Engineer

2019 – 2022

London, UK

- Developed 7+ React.js frontend components using TypeScript, achieving 30% faster loading times and seamlessly integrating blockchain functionalities
- Collaborated with UI/UX designers using Figma to create visually appealing and user-friendly interfaces
- Engineered and deployed smart contracts on the Ethereum blockchain using Solidity, improving data verification efficiency by 40%
- Implemented a backend system with Node.js and Express.js, achieving a 30% reduction in processing time
- Received recognition for outstanding contributions to delivering projects on schedule and exceeding client expectations

Squiz

Junior Full Stack Engineer

2017 – 2019

London, UK

- Collaborated with 3 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
- Optimized API response times by 30% through performance tuning and caching strategies, enhancing overall system reliability and user experience