



Full Stack & Blockchain Developer

# Joe Spencer

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## SKILLS

Full Stack Development

Blockchain Development

Security & Compliance

Problem-Solving and  
Analysis

Team Collaboration and  
Leadership

## LANGUAGES

English

Japanese

## INTERESTS

Racing

Mountaineering

## PROFILE

Seasoned senior full stack and blockchain developer with over 8 years of comprehensive experience in developing cutting-edge web applications and decentralized solutions using blockchain technology. Experienced in leading development teams, architecting scalable solutions, and integrating blockchain technology into existing systems. Adept at problem-solving, optimizing code performance, and staying abreast of emerging trends in both full stack development and blockchain technology.

## EXPERIENCE

### Blockchain Developer

July 2020 – October 2023

TechBlocks Inc. | New York, US

- Designed and implemented secure smart contracts to automate and streamline the supply chain processes, resulting in a 22.5% increase in operational efficiency.
- Spearheaded the integration of blockchain technology into existing enterprise applications to enhance data security, transparency, and traceability.
- Improved system performance, reduced response times, and enhanced the overall user experience.
- Stayed current with the latest trends and advancements in blockchain technology and full stack development.

### Senior Full Stack Developer

September 2018 - June 2020

InnovateTech Inc. | New York, US

- Promoted to senior full stack developer, taking on a leadership role in designing and architecting complex web applications and systems.
- Led a team in the successful launch of a scalable e-commerce platform, optimizing performance and user experience across frontend and backend components.
- Mentored junior developers, conducting code reviews, and providing technical guidance to foster their growth and skills development.

### Junior Full Stack Developer

June 2015 - August 2018

TechUp Solutions | Silicon Valley, US

- Joined as a junior full stack developer, working on frontend and backend development tasks using HTML, CSS, JavaScript, and Node.js.
- Gained experience in database management with SQL and NoSQL databases, assisting in data modeling and query optimization.
- Participated in Agile development methodologies, attending sprint planning meetings and daily stand-ups to contribute to project progress.

## EDUCATION

**Bachelor of Science in Computer Science**, University of Windsor, Ontario, Canada  
May 2015

## CERTIFICATIONS

**Certified Blockchain Developer (CBD)**, Blockchain Certification Institute, San Francisco, CA  
*October 2021*

**AWS Certified Solutions Architect – Associate**, Amazon Web Services Training Center, Online  
*December 2020*

## PROJECTS

### **Decentralized Finance (DeFi) Platform**

Led the development of a DeFi platform on the Ethereum network. Designed and implemented smart contracts for lending, borrowing, and staking functionalities using Solidity. Developed a responsive frontend application using React.js, Web3.js, and Redux for seamless user interactions.

### **Tokenized Real Estate Investment Platform**

Played a key role in developing a blockchain-based platform for tokenized real estate investments. Created smart contracts on the Tezos blockchain for token issuance and asset management. Built a frontend dashboard using Angular.js for investors to browse and purchase tokenized real estate assets. Integrated KYC/AML verification processes to ensure compliance with regulatory standards.

### **Supply Chain Traceability DApp**

Contributed to the development of a decentralized application (dApp) for enhancing supply chain traceability using Hyperledger Fabric. Implemented smart contracts to record product information and logistics data on a private blockchain network. Designed and developed a frontend interface using Vue.js for stakeholders to track product movements and verify authenticity.