

Daniel Inouye

Senior Blockchain developer

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SUMMARY

Senior **Blockchain** developer with more than 6 years experiences in handing a **DeFi, Staking, Farming, NFT Marketplace** for tokenization of real-world assets, demonstrating the potential. I am seeking a challenging opportunity in **Blockchain** development within an innovative organization. I have deep understanding of distributed ledger, blockchain safety, blockchain design principles, and various **blockchain protocols** and environments. Potential unlock liquidity worth \$2.5 million and opening new Proficient at performing well as working in a group or independently in a fast-paced setting.

WORK EXPERIENCE

Senior rust developer

Reymond, Washington, US

Microsoft | Dec 2023 – Dec 2024

Project: High-Performance Decentralized Exchange(DEX) Platform

- **Spearheaded** the development of a high-performance **DEX platform** on Rust and Solana, driving a **30% surge in trading volume** by optimizing transaction processing speed and enhancing user experience.
- **Developed and integrated** advanced **DeFi features**, leveraging Rust to reduce **transaction costs by 40%**, significantly improving platform efficiency and user satisfaction.
- **Led the integration** of Solana blockchain technology, managing **200+ smart contracts daily** and implementing a streamlined workflow that **accelerated customer inquiry response times by 25%**.
- **Boosted system traceability by 70%** through the creation of **advanced logging and monitoring solutions**, ensuring greater transparency and operational insights.
- **Designed and optimized** high-performance infrastructure for DeFi applications using Rust, **enhancing transaction speeds by 50%**, increasing user engagement, and improving platform **scalability and reliability**.

Senior blockchain developer

Sunny Isles, Florida, US

Hivex | May 2022 – Nov 2023

Project: Scalable decentralized application (DApp) architecture

- Designed and implemented a **DApp architecture**, improving system performance by **30%** and supporting **1,000+ concurrent users**.
- Developed and integrated three **new tools** into the platform, expanding its functionality.
- Introduced sharding, increasing blockchain scalability by **300%** and enabling **10,000+ transactions per second**.
- Built and improved a **DEX platform**, leading to a **30% increase in trading volume**.
- Helped upgrade the **consensus mechanism**, improving network efficiency and **reducing block confirmation time by 50%**.

Middle smart contract developer

San Francisco, California, US

TechnoBrains Business Solutions | Jan 2020 – May 2022

Project: DeFi Staking and Yield Farming Platforms

- Developed and deployed **Solidity smart contracts** for **DeFi projects**, including **yield farming** and **staking platforms**, ensuring secure and efficient asset management.
- Improved **swap functionality** in decentralized applications by using **web3.js**, enabling smoother interactions between smart contracts and user interfaces.
- Integrated smart contracts with **React.js** front-end components, creating **responsive** and **user-friendly** interfaces for interacting with DeFi protocols.
- Built a **web3.js solution** for direct communication with the Ethereum blockchain, leading to a measurable improvement in **user satisfaction** based on customer feedback

EDUCATION

Aug 2015 –
Dec 2019

University of Southern California
Bachelor's Degree, Computer science

California, US

SKILLS

Blockchain | NFT Marketplace | Rust | Smart Contract | Web3 | Solidity |
React | Next.js | Vue.js | Angular | Javascript | HTML5 | CSS | DOM |
jQuery | Bootstrap | Node | Python | Django | Express | Agile | Scrum |
Git | AWS | MongoDB | MySQL | Restful API | JSON | TDD | Redux | Flask |
Tailwind CSS | Ethereum | Binance smart chain | Context API | React
Hooks | React Native