Devenye Dunn

Senior Blockchain Engineer

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🏠 Jacksonville, FL, US

SUMMARY

Blockchain engineer skilled in Go, Rust, Solidity, and TypeScript, with 8+ years of extensive experience in web3 projects, including blockchain infrastructure, smart contracts, NFTs, and dApps.
Expertise in secure, low-level programming for cybersecurity, cryptography, and backend systems using Rust and Go.
Possess extensive skills in full-stack development.
Recognized for innovative contributions that have boosted several companies by over 30%.

EXPERIENCE

Senior Blockchain Engineer

Microsoft

📅 09/2023 - 04/2024   📍 New York, NY, US

- Integrated Microsoft Coin into over 10 DeFi platforms for seamless interaction with Solana's blockchain, while writing and deploying over 50 Rust smart contracts that achieve more than 50,000 transactions per second.
- Implemented over 20 security measures to safeguard smart contracts and the blockchain network, while thoroughly testing and debugging more than 50 smart contracts to ensure reliability and efficiency.
- Deployed Microsoft Coin on Solana, achieving ultra-low transaction fees of 0.0025 SOL, thereby establishing a benchmark for corporate blockchain use and enhancing the coin's position in the DeFi market.

Senior Smart Contract Engineer

Ratio Finance

📅 10/2022 - 08/2023   📍 Jacksonville, FL, US

- Created real-time credit risk assessments with Solidity and Rust, boosting user trust by 20%.
- Developed self-paying loan mechanisms via smart contracts, reducing default rates by 15%, and eliminated fees while maintaining zero interest rates, which increased user retention by 30%.
- Collaborated with a global team using tools like Git, JIRA, and Slack to enhance the protocol, resulting in 50% growth post-launch and securing $10 million in funding through strategic partnerships, significantly boosting the company's growth.

Senior Rust Engineer

Jungle Cats

📅 09/2021 - 09/2022   📍 Prescott, AZ, US

- Developed the 'Jungle Safari' roadmap using Rust and Solidity, enabling NFT holders to yield $GROAR and unlock new areas.
- Optimized Solana smart contracts, reducing transaction costs and processing times by 20%, and facilitated the successful airdrop of 3,800 Lionesses to 5,500 Lion holders using those.
- Collaborated with a front-end team of 6 using React and TypeScript to integrate backend functionalities, and managed a codebase of over 50,000 lines and version control using Git and GitHub to ensure smooth collaboration and deployment.

Rust Engineer

Molana Pte, Ltd

📅 06/2020 - 08/2021   📍 Novena, Singapore

- Developed and maintained a P2P trading platform on Solana using Rust, addressing high gas costs, delays, and trading pair segmentation for over 10,000 users.
- Optimized Solana smart contracts with Rust to maintain low transaction costs (less than $0.001 and fast block times 400 milliseconds), improving transaction speed by 25%.
- Implemented security audits using Rust to protect smart contracts, ensuring robust protection at multiple levels and reducing vulnerabilities by 40%.

Smart Contract Developer

Hawksight

📅 09/2019 - 05/2020   📍 Singapore, Singapore

- Designed and developed secure and efficient smart contracts using Rust for DeFi applications, ensuring seamless integration with the Solana blockchain.
- Engaged with cross-functional teams to align smart contract functionalities with overall platform goals and user needs, contributing to a 15% increase in user satisfaction.
- Collaborated with security auditors from CertiK and Sec3 to conduct regular audits, enhancing the platform's security and compliance, reducing vulnerabilities by 30%.

EDUCATION

Bachelor of Science

Jacksonville University

📅 05/2014 - 04/2018   📍 Jacksonville, FL, US

- Operating System, Programming Language, Software Engineering, Software Design Principles, and Project Management
- Data Structures and Algorithms, Cybersecurity, Cryptography, and Blockchain Technology
- Networking, Database Management, and Web Development

SKILLS

Programming Languages

C/C++   Rust   Go   Solidity   Kotlin   Haskell   Python   Javascript   Typescript

Blockchain

Blockchain Infrastructure   Solana   Ethereum   Anchor   Hardhat   Truffle   Cardano

Hyperledger Fabric   Rollup   Web3.js   Ether.js   Smart Contracts   NFT   DAPPs   DeFi   DEX

Consensus Algorithms   Cryptography   Cybersecurity

DevOps

Git   Docker   Jenkins   AWS   Heroku   Vercel   Firebase   Google Cloud   Microsoft Azure   Jira

Web

Node.js   Express   PHP   Laravel   GraphQL   HTML5   CSS3   React   Next.js   Bootstrap

Material UI   Tailwind CSS

Database

MongoDB   MySQL   SQLite   PostgreSQL   Sequelize

Other

Leadership   Project Management   Mentoring