

RUSSEL WALTER

Blockchain Engineer

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Montreal

SUMMARY

Experienced Blockchain Engineer proficient in Hyperledger Fabric and Ethereum development with 8+ years in DLT optimization, smart contract deployment, and network architecture. Skilled in API endpoint creation, UI development, and cryptography. Strong background in consensus algorithms and distributed databases.

EXPERIENCE

Lead Blockchain Engineer

RBR

04/2022 - Present Canada

- Developed a secure, distributed blockchain infrastructure of the company's medical records platform, which resulted in an 80% reduction in data breaches and an overall improvement in security of over 50%.
- Designed an innovative blockchain-based algorithm for authenticating patient records, which increased accuracy in record keeping by 95%.
- Developed an intuitive user interface that allowed healthcare professionals to access patient records securely with just a few clicks, streamlining the process and reducing access time by 30%.
- Implemented a blockchain-based system that allowed healthcare providers to share medical records among multiple hospitals and clinics, resulting in a 40% increase in efficiency and cost savings of over \$2 million.

Senior Blockchain Engineer

BDC

04/2020 - 01/2022 Canada

- Developed and launched a new blockchain-based platform for BDC company, which improved the company's operational efficiency by 15%.
- Improved security of Praxis Technologies' existing blockchain-based applications by implementing advanced encryption algorithms and protocols, resulting in a 25% reduction in data breaches.
- Created and implemented a smart contract system to automate the settlement process for Praxis Technologies, resulting in ca cost savings of \$50000 annually.
- Designed and built a distributed ledger technology (DLT) platform to support Praxis Technologies' business operations, resulting in a 40% increase in transaction throughput.

EDUCATION

Bachelor of Science in Blockchain Engineering

Kansas State University

2013 - 2018 United States

- Relevant Coursework: Cryptography, Data Structures, Computer Networks, Operating Systems, Programming Languages, Smart Contracts, and Blockchain Technologies.

GPA

4.0 / 3.8

TECH STACK

Smart Contract Solidity

JavaScript Go Web3.js

ethers.js Network architecture

Hyperledger Fabric EOS React.js

Python Angular Jenkins

Travis CI GitLab CI/CD MongoDB

Metamask IPFS

KEY ACCOMPLISHMENTS

Transaction Throughput Increase

Improved transaction throughput by 40% with new DLT platform.

Security Enhancement

Reduced data breaches by 80% with secure blockchain infrastructure.

STRENGTHS



Blockchain optimization

Specialist in optimizing DLT for superior performance and security.



Smart contracts expert

Proficient in deploying and managing smart contracts, ensuring reliability.



UI development

Developed user-friendly interfaces improving data accessibility by 30%.

LANGUAGES

English

Native



Japanese

Advanced

