

SUMMARY

Jun 2021 - Present

Shipping production systems across **EVM** and **SVM** with **7+ years** of experience in smart contract development, Web3 infrastructure, and blockchain security.

Specialized in **Solidity** and **Rust**, with expertise in DeFi protocols, gas-optimized contracts, and scalable blockchain solutions.

EXPERIENCE

Across Protocol
Smart Contract Engineer
Jun 2025 - Present

Designed and implemented [smart contracts](#) to allow for 1:1 bridging sponsored by **Circle**. Resulting in **\$15M+** in daily stablecoin volume through Across Protocol into **Hyperliquid**.

Designed and implemented SVM programs to enable fast and cheap stablecoin bridging resulting in **\$10M+** daily volume through Across Protocol into **Solana**.

Leading multiple [smart contract audits](#) ensuring clear communication and context for auditors and fast issues followup.

Parallel Studios
Lead Blockchain Engineer
Jan 2022 - May 2025

Built and deployed [NFT staking](#), launch, and P2P trading protocols managing **\$80M+** in assets and generating **\$12M+** in revenue.

Led smart contract security audits and gas optimization, mitigating **\$1M+** in vulnerabilities while supporting 20,000+ concurrent users.

dApp Technologies
Lead Blockchain Engineer
Jun 2021 - Jul 2022

Led smart contract security audits securing **\$1.6M+** in assets across Squirrel Wallet, Mogul Productions, and Busta.gg.

Built a multi-chain wallet with social seed phrase recovery across five chains, tested by **5,000+ beta users**, plus internal tooling that streamlined deployment pipelines.

EDUCATION

Hons. B.Sci: Physics, Computer Science and Mathematics
University of Toronto

- High distinction (CGPA > 3.5) | John Pounder Award in Astronomy
- Undergraduate Teaching Assistants Award
- Undergraduate Student Research Award
- Queen Elizabeth II Aiming for the Top Scholarship

SKILLS

Languages

Solidity, Rust, TypeScript, Python

Frameworks

Ethers.js, Viem/Wagmi, Hardhat, Foundry, IPFS, Anchor, Solana

Monitoring

Tenderly, The Graph, Sentry, Dune Analytics, Grafana