

Scott Brown

Web3 Developer

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🌐 <https://github.com/breavedev>

PROFILE

Passionate software developer with **5+** years of experience specializing in **blockchain** technology. Spearheaded the development of blockchain projects in **Fintech, Gaming, Defi/Dex** and **NFT marketplace** using **Solidity, Golang, Rust and React.js**. Also has an extensive knowledge of **Cosmos SDK** and successfully managed to develop a new **Layer 1 chain**. Ready to apply my passion for talented **startup** companies.

PROFESSIONAL EXPERIENCE

Deca4, Lead Multi-chain Engineer

January 2023 – December 2023

- Participated in designing project architecture.
- Developed **Solidity** smart contracts for **NFT(Omni-chain)** Staking platform for various Blockchain Platforms.(EVM, zkEVM, non-EVM ...)
- Used **ERC-20, ERC-721** and **ERC-721A** for Fungible and Non-Fungible Token standards.
- Integrated **LayerZero** protocol to realize **cross-chain** communication.
- Kept consistent **gas-optimization** attitude in the whole development process.
- Used **Test-Driven Development** method and wrote **unit** and **integration** testing cases.
- Used **Slither** for auditing, **Echidina** for fuzzing testing and **Tenderly** for analysis and monitoring.
- Developed marketplace and company website frontend using **React.js**.
- Integrated **Metamask** and **Blade Wallet** to the frontend.
- Used **Docker** and **Kubernetes** for Containerization.
- Used **Hardhat, Web3.js** and **Ethers.js** for deploying the contracts and integrating wallets to the frontend.
- Used **Agile** methodology with **Jira, Slack** and **Teams**.
- Successfully lead a team of **3**, delivering products in tight deadlines.

BlockX Ventures (Part time), Blockchain Developer

March 2022 – September 2022

- Participated in the design and development of custom modules of **BlockX** economic system using **Cosmos SDK(Golang)**.
- Developed a **Defi/Dex** platform using **Solidity, Cosmwasm(Rust)** which could run on our chain.

- Cloned **UniswapV2** for building a dex platform on the chain.
- Leveraged bridge chains to allows users **bridge** BCX tokens between multiple networks.

BairesDev, Frontend Developer

September 2020 – January 2022

- Designed, developed and rebuilt 10+ structured and scalable websites for Fintech, Healthcare, SaaS Platforms utilizing **React.js** and brought remarkable growth in each project.
- Worked closely with **UI/UX** designers creating responsive and pixel perfect designs, ensuring optimal user experience.
- Developed Unit, Integration and E2E **testing** cases using Cypress, Jasmine and Jest ensuring 99% code coverage.
- Utilized **AWS Lambda**, **API Gateway**, and **AWS Cloud Formation** to create a **cloud-native architecture**.

Fractal, Smart Contract Engineer

October 2018 – August 2020

- Participated in development of an Ethereum based **Game NFT** marketplace project using a range of technologies including **Solidity**, **Web3.js**, **Ethers.js** and **Hardhat**.
- Effectively utilized **IPFS** to securely store and distribute immutable data across the network, ensuring the reliability and integrity of the decentralized applications.
- Developed and upheld a widely adopted implementation of the **ERC-20**, **ERC-721**, and **ERC-1155** token standards.
- Implemented best industrial practices in gas optimization, resulting in significant cost savings.
- Fixed out possible **security** vulnerabilities of the NFT smart contracts.

EDUCATION

University of Bergen,

2015 – 2018

Bachelor's Degree in Computer Science

SKILLS

Languages (Go, Solidity, Rust, Python, C++, JavaScript, Typescript, Java)

FrameWorks (Cosmos SDK, Truffle, Hardhat, React, Vue.js)

Libraries (OpenZeppelin, Ethers.js, Web3.js)

Ethereum Standards (ERC20, ERC721, ERC1155, ERC4337, EIPs)

Other (Cryptography, Bitcoin, Zero Knowledge(zkSNARK))

TOP-PROUD PROJECT

BlockX Ventures

<https://linktr.ee/blockxchain> [↗](#)

SpheraWorld [↗](#)