

Scott Brown

Web3 Developer

✉ scott.brown0629@gmail.com ☎ +4756978983 📍 Bergen, Norway

🐙 <https://github.com/breavedev> in [scott-brown-b947ba29a](#)

PROFILE

Passionate software developer with **6+** 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 blockchain** companies.

PROFESSIONAL EXPERIENCE

Deca4, Lead Blockchain and Fullstack Engineer January 2022 – December 2023

- Was responsible for a team of 3 and **lead** the development of multiple blockchain projects.
- Participated in the design and development of custom modules of BlockX economic system using **Cosmos SDK(Golang)** and **Tendermint**.
- Developed a **Defi/Dex** platform using **Solidity**, **Cosmwasm(Rust)** and core **Defi** protocols like **Uniswap, Aave** protocol.
- Participated in developing gas-efficient **cross-chain NFT** marketplace using ERC-20, ERC-721, **ONFT721(A)** token standards on **Ethereum** and **LayerZero** protocol.
- Developed smart contracts on **Solana**.
- Took part in developing **Account Abstraction** wallet using **ERC-4337** standard and **Biconomy** SDK.
- Leveraged bridge chains to allows users **bridge** tokens between multiple networks.
- Participated in developing a **SSI** Wallet using **Zero Knowledge** proofs(zkSnark) and snark.js library.
- Developed **frontend** pages for the website using **React.js(Next.js)**, **Web3.js**, **Ethers.js** and **Hardhat** framework.
- Wrote **secure unit** and **fuzzing** testing cases using **Chai**, **Hardhat** and **Echidna**.
- Implemented a **security**-focused **code review** process, reducing the risk of security vulnerabilities and ensuring compliance with security standards.
- Interacted with other team members and CTO in the daily meeting for new features in the products using **Agile** software development methodology.
- **Mentored** junior developers.

BairesDev, Fullstack 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.
- Wrote **crypto payment gateway** system using **React.js** and **Node.js**.
- Used **Django(python)** framework for building backend of an ecommerce platform.
- Used **MySQL** and **MongoDB** for database system.
- 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.
- Used **Docker** and **Kubernetes** for Containerization.
- 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

Colorado State University,

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> [↗](#)