

Kenneth Scott Smith

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Summary

- Full-stack blockchain developer building frontend/backend integration with smart contracts on the EVM
- Proven experience contributing to successful blockchain projects in languages such as Solidity, Rust, Go, Python, JS/TS
- Two-time hackathon winner and a shameless member of the Rust cult

Skills

- Languages & Tools: Solidity | Rust | Python | C | Typescript | JavaScript | Go | Foundry | Hardhat | Web3.js | Ethers.js
- Web Development: React | Next.js | Node.js | Nest.js | PostgreSQL | Django | HTML/CSS | REST APIs | ExpressJS | FastAPI
- Blockchain: Smart Contracts | EVM | ERC Standards | EVM Security | Gas Optimization | DeFi | Security Audits
- Cloud & DevOps: AWS (ECS, Lambda, Batch, S3, CloudFront, ACM) | Docker | Terraform | CloudFlare | Infra-as-Code

Professional Experience

Software Engineer, CryptoArt

02/2025 - Present

- Lead developer of upgradeable ERC721 NFTs implementing ERC7160 using **Solidity** and **Foundry**.
- Wrote, tested, and deployed production-grade NFT smart contracts with fuzzing and integration coverage.
- Led **audits**, identified critical vulnerabilities, and shipped secure Ethereum **Mainnet** deployments.
- Built production-ready frontend with **React** and **Vite**, integrating smart contracts and **RESTful APIs**.
- Designed and deployed a **NestJS** backend with **PostgreSQL** on **AWS** ECS and CloudFront.
- Managed HTTPS certs, DNS, and multi-domain routing with **Cloudflare** and AWS ACM.
- Owned full infrastructure stack using **AWS** (CloudFront, ACM, ECS, S3) and **Terraform**.

Full Stack Blockchain Developer, Cytric

09/2024 - 01/2025

- Engineered production-grade **smart contracts** using **Solidity** and **Hardhat** for unit/integration testing
- Develop **RESTful** API's with **GO** and built **MongoDB**-based indexing service for blockchain events
- Integrated **Web3.js** and Ethers.js libraries with **Next.js** frontend and **FastAPI** to synchronize blockchain data
- Built scalable cloud infrastructure using **AWS** services for high-performance 3D asset rendering and blockchain integration

Smart Contract Developer, Independent

08/2023 - 08/2024

- Developed smart contracts with **Foundry** for a NFT staking game on the **EVM**,
- Implemented **ERC20** and **ERC721** tokens and upgradeable contracts, enhancing the game's flexibility and security
- Built blockchain apps using **Rust** and **Axum** on the backend and **Dioxus** on the frontend.

A.I. Software Engineer Internship, Polaris

02/2023 - 06/2023

- Achieved a **99%** accuracy rate in defect detection by designing **OpenCV** computer vision algorithms using **YOLOV3**
- Optimized **neural networks** on **CUDA**, resulting in a **30% improvement** in processing speed
- Maintained and updated software tools in **C++** and **Python**, ensuring high performance in object detection applications

Projects

BuzzKill: Honeycomb Hustle NFT Staking Game - Hackathon Winner

- **1st Place Winner** of the Viction Horizon Startup Hackathon Gaming track
- Links: [Video demonstration](#) / [Github: Smart Contracts](#) / [Github: Frontend](#)

Funding Rate Arbitrage for Crypto Futures Market - Hackathon Winner

- **1st Place Winner** of the Scaling Web3 Hackathon presented by Orderly network and Encode. Link to [Github](#)

Education

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|---|---------------|--------------------|
| • Expert Solidity Coding Bootcamp | Extropy | Completed Nov 2023 |
| • Blockchain Intensive Coding Bootcamp | Encode | Completed Aug 2023 |
| • Bachelor of Science in Engineering
Major in Mechanical Engineering | UNC Charlotte | Completed May 2012 |