

Cavan T. Smith

🔗 GitHub: <https://www.github.com/N0repi> | 🔗 Software Portfolio: <https://norepi.dev> | 🔗 LinkedIn: <https://www.linkedin.com/in/cavan-smith-aal7611b7>

Summary

Full Stack Engineer with 5+ years delivering decentralized applications, generative AI models, and scalable infrastructure. Expert in React, Solidity, Docker, Web3, and AI model workflows.

Skills

Programming Languages: JavaScript (ES6+), Solidity, Python, GraphQL, CSS, HTML

Frameworks & Libraries: React, Next.js, Wagmi, ethers.js

Blockchain & Web3: IPFS, Uniswap V3, Chainlink Functions, Oracles, SIWE, EIP-7702, Contract Development, Upgradeable Proxy Patterns, Merkle Trees, Solidly, The Graph, OpenZeppelin

DevOps & Tools: Docker, LXC, Linux, GCS, AWS, Redis, MongoDB, SQL, Git, Proxmox

Soft Skills: Troubleshooting, communication skills, Management skills, Collaboration, Client Relations, team building

Hard Skills: Networking, System Administration, Software Development, computer engineering, javascript, Application development, Project Management, performance testing, system architecture, Systems Integration, Full Stack, Software engineering, project management skills, software systems

AI / ML: Stable Diffusion, LoRA model training, Image Generation, ControlNet, Segment Anything, Upscaling, Large Vision Models (LVM)

Work Experience

wispi LLC | Founder | Full Stack Engineer

Jan 2025 – Present

- Architect and maintain a full stack generative AI marketplace offering on-demand AI image generation and model training via Web3 payments.
- Devised a system using the blockchain to provide an audit trail for companies for the development of intellectual property and patent development.
- Created pipelines to manage custom Docker containers hosting AI PyTorch applications running on GPU servers.
- Built a Redis VPS to produce events for the on-and-off states of GPU containers reducing 70% of cloud GPU costs.
- Designed a tiered pricing system for B2C and reliable subscription services for B2B.
- Implemented an encrypted, web-based file system for images, legal documents, and safetensor models.
- Full stack developed smart contract payment processors to bridge the gap between fiat Stripe payments and cryptocurrencies

Mirror Mii | AI Engineer

Jul 2024 – Dec 2024

- Integrated large-vision-model pipelines to boost LLM agent (chatbot) accuracy by 10%.
- Presented product at TechCrunch Disrupt, engaging 150+ attendees.

Humble Donations | Full Stack Engineer

May 2023 – Present

- Full stack developed a novel web3 protocol to write webpage metadata to the blockchain.
- Developed a decentralized crowdfunding application using React, CI/CD pipelines.
- Cross-chain across 2 EVM networks.
- Automated liquidity and custom ERC-20 staking incentive.
- Implemented airdrop & referral programs.
- Handled 1000+ on-chain transactions with zero downtime.
- Engineered a fully client-side application, utilizing The Graph protocol to index blockchain events as a public backend.
- Architected and wrote 15+ Solidity smart contracts deployed on Arbitrum and Sonic. All contracts passed multiple audits.
- Created a CI/CD pipeline to backup contract data on S3 through AWS Lambda.

Yoka & Smith, LLP | Information Technology Manager

Jun 2019 – Jan 2024

- Lead team and managed projects.
- Constructed and managed the law firm's legal database system.
- Deployed network across multiple floors.
- Deployed and managing a VoIP network.
- Deployed 70+ new desktops, cutting setup time by 30%.
- Spokesperson for IT-related vendors.
- Reduced cloud storage space by 40%.

Miscellaneous

English: Fluent