

SAMEER AGARWAL

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SUMMARY

Blockchain Engineer with 5+ years of experience across oracle infrastructure, staking protocols, cross-chain systems, and decentralized AI compute. Architected **Razor Network**'s oracle contracts and cross-chain data transmission, served as the sole smart contract engineer for **Metalayer**'s verification protocol, and built distributed AI training pipelines at **Syntience**. Multiple hackathon wins with recent projects spanning prediction market AMMs on Uniswap V4, confidential on-chain payroll with FHE, and cross-chain payment routing via ENS.

EXPERIENCE

Blockchain Developer

Oracle Infrastructure, Verification Protocols, Decentralized AI
Razor Network Oracle

Razor Network
July 2020 – Feb 2026
Website [🔗](#)

- Architected decentralized oracle contracts for data aggregation across EVM chains.
- Optimized oracle computations by transitioning from weighted mean → weighted median.
- Built **staking + rewards mechanisms** to ensure validator incentives.
- Directed **cross-chain oracle communication** to transmit data across EVM chains.

Metalayer

Website [🔗](#)

- Sole smart contract engineer for modular compute and verification protocol.
- Designed **validator registration, staking, attestation lifecycle, and dispute resolution** in a PoS framework.
- Developed contracts with Solidity & Foundry; implemented unit, fuzz, and integration tests for reliability.
- Co-authored the **protocol whitepaper**, defining validator responsibilities, ZKP verification, and interoperability.
- Collaborated to define and prototype protocol use cases, including **bridge and oracle attestation, zero-knowledge proof verification, and AI inference result validation**.

Syntience

Website [🔗](#)

- Built **distributed GPT-2 training** pipelines on PyTorch + GCP.
- Designed modular decision-making frameworks using mixture-of-experts models.
- Prototyped **verifiable training validation** pipelines for decentralized AI compute.
- Conducted performance optimization and resource scaling for inference reliability.

PROJECTS

- BlocPaie** | ZAMA, Porto SDK (EIP-7702), Ithaca Relay, USDC, Passkey Auth Feb 2026 – Present
– Confidential on-chain payroll: gas-sponsored invoice-to-payment flow with passkey authentication.
- Distro** 🌐 | Solidity, Uniswap V4, Chainlink, PRBMath Feb 2026 – Present
– Prediction market AMM as a Uniswap V4 hook. Gaussian distributions for continuous outcomes; zero LP risk.
- ENSRouter** 🌐 | Next.js, wagmi, LI.FI SDK, MongoDB, Telegram Bot Feb 2026
– Cross-chain payment routing via ENS text records. Configure preferred chains/tokens in ENS; payments auto-route.
- The-Agora** 🌐 | OpenClaw, Solidity, Claude API, Discord Bots, Monad Feb 2026
– Decentralized arena where 8 AI agents debate philosophy on-chain, staking MON tokens on convictions.
- LienFi** 🌐 | Chainlink CRE, Solidity, Plaid, Foundry Feb 2026 – Mar 2026
– On-chain mortgages with private credit scoring in Chainlink confidential enclaves and sealed-bid Vickrey auctions.

ACHIEVEMENTS

- 🏆 **ENSRouter** – Best LI.FI-Powered DeFi Integration: **1st Place** at HackMoney 2026
- 🏆 **MaticDEX** – ETHIndia Chainrunner Hackathon **Winner**
- 🏆 **EtherWills** – ETHIndia 2020 Online Hackathon **Winner**

EDUCATION

Vishwakarma Institute of Technology
BTech in Electronics Engineering

CGPA: 9.18/10.0
Aug 2017 – June 2021

TECHNOLOGIES

Blockchain: Solidity, Foundry, Hardhat, Tenderly, Ethers.js, OpenZeppelin, Chainlink CRE
Protocol Design: Staking, Rewards, Oracles, Cross-Chain, ZK Proof Verification
AI/ML: PyTorch, TensorFlow, NLP, Distributed Training, Mixture of Experts
Frontend: React, Next.js | **Backend:** Express, Node.js
Tools & Cloud: GCP, Docker, Git, VSCode, Jupyter
Programming: Python, Rust, TypeScript, JavaScript