

Alfino Setiawan

Web3 Developer · Smart Contract Engineer · Validator Operator

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Professional Summary

Web3 fullstack developer and validator operator known online as **alfset** and **alfcommunitynode**. Experienced in designing decentralized applications, building secure smart contracts, and operating validator infrastructure across Cosmos and EVM ecosystems. Focused on scalable dApp architecture, smart contract security, and reliable decentralized infrastructure.

Technical Skills

- Smart Contracts: Solidity, Hardhat, Foundry, OpenZeppelin
- Frontend: Next.js, React, TypeScript, Tailwind CSS, Three.js, Framer Motion
- Backend: Node.js, Go, Python, REST APIs, GraphQL
- Infrastructure: Docker, Linux, Nginx, Systemd
- Blockchain: Cosmos SDK, Tendermint, IBC, EVM-compatible chains
- Web3 Libraries: ethers.js, wagmi, CosmJS, IPFS, The Graph

Professional Experience

Validator Operator & Node Infrastructure — ComunityNode (2022 – Present)

Operating and maintaining validator infrastructure across Cosmos ecosystem networks. Maintained 99.9% uptime across 15+ blockchain networks Built monitoring dashboards using Prometheus and Grafana Automated node deployment and maintenance with shell scripts and Go tooling Published open source guides and documentation for validator operators

Web3 Fullstack Developer — Freelance / Open Source (2021 – Present)

Designing and developing decentralized applications and smart contract systems for Web3 projects worldwide. Built DeFi protocols, NFT platforms, DAO governance systems Developed fullstack dApps using Next.js, Solidity, and ethers.js Integrated wallet authentication and blockchain interactions

Blockchain Developer — Personal Projects & Community (2020 – 2021)

Researched blockchain architecture, EVM internals, and developed early smart contract systems.

Selected Projects

- **ComunityNode Platform** — Validator infrastructure and monitoring platform supporting 15+ Cosmos ecosystem chains.
- **Physica Finance** — DeFi lending and borrowing protocol with algorithmic interest rates and collateral management.
- **NFT Launchpad** — ERC721/1155 minting platform with IPFS metadata and onchain royalties.
- **Validator Monitoring Suite** — DevOps toolkit with Prometheus, Grafana dashboards, and Telegram alerting.
- **IBC Bridge UI** — Crosschain token transfer interface supporting multiple Cosmos networks.
- **DAO Governance Portal** — Tokenweighted governance platform integrated with Snapshot and Gnosis Safe.

Key Achievements

- 4+ years experience in Web3 development
- Validated 15+ blockchain networks
- 30+ smart contracts deployed
- 20+ open source repositories
- Maintained 99.9% validator uptime

Links

- GitHub: <https://github.com/alfset>
- LinkedIn: <https://linkedin.com/in/alfino-setiawan>
- Twitter: <https://twitter.com/Alfcommunitynode>