Anubhav Singh

Full Stack Blockchain Developer

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Summary

Full Stack Web3 Developer with hands-on experience in **blockchain development** and **smart contract programming**. Passionate about building **decentralized applications (dApps)** using **Solidity** for smart contracts on **Ethereum, Polygon, and other EVM-compatible chains**. Proficient in **frontend development with React, Next.js, and TypeScript**, and skilled in integrating **Web3 libraries like Ethers.js and Wagmi** for seamless wallet connectivity. Growing expertise in **DeFi protocols**, including **staking mechanisms, token standards, and on-chain governance**. Active contributor to **open-source blockchain ecosystems** with participation in multiple hackathons. Eager to learn and grow in the Web3 space while contributing to innovative decentralized solutions.

Key Achievements

Starknet Basecamp 13 Graduate (2025).

Participated in **5+ hackathons** including **EthGlobal New Delhi 2025**, **EthGlobal HackMoney 2026**, **Somnia DeFi Hackathon 2025**, and **Movement M1 Hackathon 2025**.

Created **10+ production-ready dApps** including **DeFi protocols**, **NFT platforms**, **DEX**, **staking systems**, and **governance dApps**.

Successfully merged **20+ pull requests** across **OnlyDust** and other open source platforms.

Technical Skills

Programming Languages: Solidity, Rust, TypeScript, JavaScript, Python, Cairo.
Blockchain Platforms: Ethereum, Polygon, Avalanche, BSC, Sui, Starknet, Celo, Arbitrum, Optimism, Base.
Smart Contract Development: Hardhat, Foundry, Truffle, OpenZeppelin, Wagmi, Viem.
Frontend Development: React.js, Next.js, TypeScript, Tailwind CSS, Material UI.
Web3 & Backend: Ethers.js, Web3.js, RainbowKit, WalletConnect, Node.js, Express.js.
Databases & Tools: PostgreSQL, MongoDB, Redis, Git, GitHub Actions, Docker, IPFS, The Graph, Chainlink.

Open-Source Contributions

OnlyDust   August 2025 – December 2025

- Actively contributed to multiple open source repositories, successfully merging **20+ pull requests** across various projects.
- Focused on **JavaScript** and **TypeScript** contributions with significant participation during **OSS Wave programs**.
- Contributed to **Ctrl+g Projects** by creating training data in the form of programming problems across **Go**, **Rust**, and **C++**.
- Contributed to multiple open-source projects across the **Ethereum** and **Starknet** ecosystems, collaborating with **global Web3 teams** and maintainers.

Drips Network   January 2026 – Present

- Contributing to multiple open source projects under the **Stellar Wave initiative**.
- Successfully merged **5 pull requests** during **Day 10 Stellar Wave**.
- Supporting ecosystem development through code contributions to **grant-funded teams** from **Stellar Development Foundation**.

Projects

NFT Forge | *Solidity, TypeScript, Next.js, Hardhat* | GitHub | Demo

- Full-stack **NFT collection platform** with **ERC721 smart contract** featuring **four rarity tiers** (Common, Rare, Epic, Legendary).
- Implemented **whitelist** and **Dutch auction minting**, **in-contract staking**, **EIP-2981 royalties**, and **weighted random rarity distribution**.
- Built **Next.js frontend** with **RainbowKit/Wagmi** for wallet connection, mint pages, staking dashboard, and owner admin panel.

VoteOnChain | *Solidity, Next.js, TypeScript, Hardhat, Wagmi* | GitHub | Demo

- **On-chain governance dApp** enabling users to create proposals, vote with **token balance or delegated power**, and execute outcomes on **Ethereum Sepolia**.

- Implemented **ERC20 governance token (GOV)**, **voting system with quorum**, **proposal states**, and **snapshot-based voting mechanism**.
- Built **Next.js 14 frontend** with **TypeScript**, **wagmi**, **viem**, and **RainbowKit** for proposal management, delegation, and execution.
- Features **pausable contracts**, **emergency cancellation**, **token delegation**, and **locked token withdrawal** after proposal resolution.

Staking Protocol | *Solidity, Next.js, TypeScript, Wagmi* | [GitHub](#) | [Demo](#)
- **Decentralized staking platform** allowing users to stake **ERC20 tokens** and earn rewards on **Ethereum Sepolia testnet**.
- Implemented secure **Solidity smart contracts** with **reentrancy protection**, **automatic reward calculation**, and **continuous distribution model**.
- Built modern **Next.js frontend** with **RainbowKit** for wallet connection and **real-time balance** and **reward tracking**.

Hackathons

Somnia Hackathon 2025   September 2025
[Github](#) | [Demo](#)
- Built **PixelVerse** - **Real-time collaborative NFT canvas platform** with **live analytics overlay** deployed on **Somnia blockchain**.
- Enabled **multiple users to collaborate simultaneously** on a shared pixel canvas, creating unique **NFT artworks together** with **real-time synchronization**.
- Implemented **live analytics dashboard** showing **participation metrics**, **NFT minting capabilities**, and seamless **blockchain integration** for transparent ownership and trading.

EthGlobal New Delhi 2025   September 2025
[Github](#) | [Demo](#)
- Built **ROSCA-Guard** - **Privacy-preserving savings circles platform** with **zero-knowledge KYC** and **PYUSD integration**.
- Implemented **cross-chain architecture** with **KYC verification on Celo** and **ROSCA operations on Ethereum**.
- Developed **automated smart contract payouts**, **reputation-based selection system**, and **DeFi yield generation** on pooled funds.

Movement M1 Hackathon 2025   December 2025
[Github](#) | [Demo](#)
- Built **StreamGift** - **Social DeFi primitive** enabling **token streaming to Twitter handles and emails** with **zero gas fees**.
- Implemented **salary streaming functionality** using **Movement Network** and **Move language smart contracts**.
- Integrated **embedded wallets via Privy** and **gasless transactions through Shinami sponsorship** with seamless social verification.

Education

Professional Qualifications and Certifications

- **Starknet Basecamp Graduate** - **Starknet Foundation** (2025)   [Certificate](#)
  Completed intensive **Starknet development program** focused on **Cairo programming** and **zkSTARK technology** for building scalable **Layer 2 solutions**.
- **Solidity Smart Contract Development** - **Cyfrin Updraft**   [Certificate](#)
  Comprehensive training in **Solidity smart contract development**, **security best practices**, and **DeFi protocol implementation**.
- **Ethereum Builder** - **HackQuest**   [Certificate](#)
  Completed **Ethereum blockchain development program** covering **smart contracts**, **dApp architecture**, and **Web3 integration**.

Academic Education

- **Bachelor of Technology (BTech)** - Indian Institute of Technology (ISM), Dhanbad (2021 - 2025).