

Sumit Vekariya | Blockchain & Full Stack Developer

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With 8+ years in software engineering and 5+ years in Blockchain, I excel in Ethereum clients, account abstraction (EIP-4337, EIP-6900), and agent identity (EIP-8004). I build production-grade smart contract infrastructures for DeFi, ZK systems, and decentralized identity. Dedicated open-source contributor with 45+ merged PRs across Ethereum.org, Protocol Labs, Nethermind, and OpenZeppelin.

Technical Skills

- **Languages:** Solidity (5y), TypeScript (8y), JavaScript (8y), Rust (2y)
- **Blockchain:** Ethereum, Web3.js, Ethers.js, Hardhat, Foundry, OpenZeppelin, Remix, Wagmi, Viem
- **ZK & Privacy:** Noir, Circom, PrivadoID, Semaphore, zk-SNARKs
- **Protocols:** ERC-20/721/1155, EIP-8004, EIP-6900, EIP-4337, IPFS
- **Frontend/Backend:** React.js, Next.js, Node.js, NestJS, Postgres, MongoDB, Docker, AWS, CI/CD

Key Achievements

- Extended **EIP-8004** registry standard to support DIDs, enabling autonomous agents to register on-chain; deployed multi-chain.
- Implemented **ERC-6900 Modular Account GPG Validation Module** — forked as `gpg-modular-account` ([PR #334](#)).
- Enhanced Protocol Labs Lotus `StateSectorCmd` to display DealIDs (v13+) with backward compatibility ([PR #13140](#)).
- Winner at **ETHGlobal New Delhi 2024**: ZKred Agent ID — Hedera AI (2nd), Polygon Agentic Payments (4th).
- **45+ merged PRs** across Ethereum.org, Semaphore, Nethermind, OpenZeppelin, improving docs, security, and DX.

Experience

Tea.xyz (PKGX Inc.) | Blockchain Consultant (Protocol & Infrastructure) | Aug 2025 - Present

- **bounTEA Protocol:** Built GitHub App converting issues to on-chain bounties. Developed escrow contracts for bounty lifecycle (registration, funding, distribution) with GPG verification.
- **Core Protocol:** Implemented **ERC-6900 GPG Validation Module**; secured official listing on `erc6900.io`. Enhanced TEA token contract with allowance helpers (ERC20Permit-style).
- **Infrastructure:** Designed off-chain bounty storage and payout mechanism to GPG-controlled smart wallets. Built user dashboard with GitHub auth and leaderboard.
- **Research:** Presented at Impact Evaluators Research Retreat (Protocol Labs); validated by Juan Benet. Published research on “Standardizing Impact Evaluation.”

Sacred Protocol | Blockchain Developer & Relations | Jan 2021 - Jan 2025

- **Sacred Logos:** Built full-stack Social-Fi DAO platform with token gating, chat, notifications (Ceramic, Farcaster, Web3Auth, Supabase). Implemented ZK voting for anonymous signaling.
- **Sacred Finance:** Architected privacy-preserving DeFi app using ZK proofs, mixers, and privacy scoring. Built custom relay infrastructure.
- Represented Sacred Protocol at Ethereum events; integrated IPFS, Orbis, and decentralized identity solutions.

Codemarket | Founding Full Stack Developer | Apr 2019 - Aug 2020

- Co-founded MVP for developer skill showcasing platform with real-time A/V mentoring. Built scalable full-stack app using modern web tech.
- Led nationwide hiring and technical meetups. Established remote-first agile practices.

Zettabyte | Founding Team Lead & Senior Developer | Oct 2017 - Feb 2019

- Architected ADMTC educational platform; scaled to **150+ institutions, 5k+ students**. Scaled team 1-5 devs.
- Implemented CI/CD, automated testing. Led technical architecture and scalability planning.

Open-Source Contributions

- **Alchemy Platform (ERC-6900):** Implemented GPG validation; added factory/verifier libs ([PR #334](#)).
- **Protocol Labs (Lotus):** Enhanced `StateSectorCmd` to display DealIDs ([PR #13140](#)).
- **Ethereum.org:** Improved official docs and developer guides ([Multiple PRs](#)).
- **Semaphore Protocol (ZK):** Contributed privacy updates and docs ([Multiple PRs](#)).

- **Nethermind / OpenZeppelin:** Client stability, tooling, security libraries ([Multiple PRs](#)).

Independent Projects

[Zkred Agent ID](#) | EIP-8004, DIDs, TS SDK, X402 | 2025

- Extended **EIP-8004** for DIDs; built TS SDK for agent registration without Solidity. Implemented X402 payment server (USDC/EIP-712).
- **Winner:** Hedera AI (2nd), Polygon Agentic Payments (4th) at ETHGlobal New Delhi.

[Zkred - Proof of Humanity](#) | ZK, PrivadoID, SSI | Nov 2024 – Present

- Decentralized identity verification using ZK proofs. Short-lived (15-day) credential system with automated issuance.

[ZKAccess](#) | Next.js, Account Aggregator, ZK | Oct 2024 – Nov 2024

- DPDP Act 2023 compliant identity verification. Shortlisted in Sahamati Hackathon.

[TruLens](#) | Noir, Starknet, IPFS, Cairo | 2024

- ZK-based camera app for verifiable media provenance. Shortlisted at Noirhack 2025.

[Sol2Seq](#) | Rust, Solidity, CLI | 2024

- Rust CLI for generating sequence diagrams from Solidity contracts. Automated visualization of interactions.

[Smart Contract Humanizer](#) | Solidity, NLP | Dec 2023

- Tool for fetching/interacting with contracts via ABI parsing. NLP explanation system for non-Web3 users.

[De Keeper](#) | IPFS, Chrome Ext | Dec 2022

- Self-sovereign password manager on IPFS. **Won IPFS/Filecoin bounty** at hackathon.

Hackathons & Publications

- **Wins:** ETHGlobal New Delhi 2024 (Multiple), IPFS/Filecoin Bounty 2022. **Shortlists:** Noirhack 2025, Sahamati.
- **Mentorship:** Technical Mentor (EthIndia, EthSingapore 2023–25).
- **Pubs:** Impact Evaluation in Open Source ([Blog](#)); 10+ Medium articles on ZK, AA, Identity.

Education

- **B.Tech Computer Science** | Marwadi Education Foundation (2013–2017)
- **Protocol Labs Dev Guild** (2025)
- **Encode Club Solidity Bootcamp** (2024)
- **Certified Yoga Instructor**