

Jash Bohare

Blockchain Developer · Solidity · DeFi · Smart Contracts

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SUMMARY

Blockchain developer focused on Solidity and DeFi systems. Built smart contracts, wallet integrations, and on-chain applications with production-level testing using Hardhat and Foundry. Experienced in designing secure and user-centric Web3 applications.

TECHNICAL SKILLS

Blockchain Platforms: Ethereum, Polygon, Base

Smart Contracts: Solidity

Web3 Libraries: Ethers.js

Backend: Node.js, Express.js

Database: Firebase, MongoDB

Storage: IPFS

Version Control: Git, GitHub

Testing & Dev: Hardhat, Foundry

PROJECTS

- 1) **AstraVault** | [GitHub Repo](#)
 - Built a non-custodial Ethereum wallet with transaction signing, account management, and real-time balance tracking using Ethers.js.
 - Implemented cryptographic key handling and secure wallet generation logic.
 - Designed developer-focused UI for debugging transactions and contract interactions.
 - **Tech:** Typescript, React, Ethers.js, Cryptography
- 2) **HelpChain** | [GitHub Repo](#)
 - Hackazards 2025 Hackathon Winner – 3rd in Track (out of 54), Top 100 Global (out of 791 projects)
 - Built a blockchain-based donation platform on Stellar with OTP-based wallet onboarding.
 - Implemented real-time transaction tracking and secure key management for transparent NGO funding.
 - **Tech:** Node.js, Express.js, Firebase, Stellar
- 3) **ProofEd** | [GitHub Repo](#)
 - Built a blockchain-based certificate verification system using Solidity smart contracts.
 - Enabled tamper-proof credential issuance and on-chain verification.
 - Designed backend APIs for certificate management and frontend for instant verification.
 - **Tech:** Solidity, Hardhat, React, Ethers.js, Express.js

EXPERIENCE

Blockchain Developer Intern @Calip.io

April 2026 – Present

- Architected and developed a production-grade DeFi protocol in Solidity across 4 phases, 3 libraries, 8 smart contracts covering access control, token factory, presale with vesting, treasury, pricing oracle, and secondary marketplace, deployed on Base Sepolia.
- Built PresaleManager with hardcap/softcap logic, stablecoin payments, TGE unlock and cliff-based linear vesting, refund paths, and treasury settlement handling the full presale lifecycle end-to-end.
- Implemented PricingOracle with ECDSA signature verification, nonce-based replay protection, and payload expiry as a cryptographically secured bridge between the off-chain analytics backend and on-chain startup registry.
- Built a fixed-price peer-to-peer Marketplace with escrow-based token custody, partial fill support,

protocol fee routing, and admin force-cancel.

- Wrote 200+ passing unit and integration tests in Hardhat and produced full technical integration documentation covering ABIs, event subscriptions, error references, and deployment details for backend and frontend teams.

Developer Relations Intern @TriKaya

Dec 2025 – Jan 2026

- Authored and improved blockchain lab documentation, making on-chain concepts more accessible for developers and increasing onboarding effectiveness.
- Provided hands-on technical support to developers exploring the Trikaya ecosystem; resolved blockers and clarified protocol behavior.
- Identified documentation gaps and delivered structured feedback to improve developer experience and reduce friction in onboarding workflows.

Blockchain Developer Intern @PedalsUp

Sept – Oct 2025

- Deep-dived into DeFi protocols and Uniswap v4 architecture, studying pool mechanics, tick systems, and hook integrations.
- Built a custom on-chain swap function entirely from scratch in Solidity, covering liquidity routing and slippage handling.
- Achieved full test coverage using Foundry - implemented unit tests, edge-case simulations, and pool state validations.
- Gained strong practical experience in smart contract security best practices through rigorous test-driven development.

EDUCATION

Pandit Deendayal Energy University, Gandhinagar

B.Tech in Computer Engineering

2024 – 2028

JEE MAINS 2024: 96 Percentile

JEE ADVANCED 2024: AIR 9687