DEVENDRA CHAUHAN

(+91) 7039542812 | chauhandevendra116@gmail.com | devendra116.github.io

PROFILE

Backend & Smart Contract Engineer building production-grade blockchain systems that move real capital. Experienced in cross-chain infrastructure and early-stage environments where reliability and tradeoffs matter

EXPERIENCE

Mettalex - Remote

Smart Contract + Backend Engineer (core team)   Aug 2023 – present

- Built and deployed an agent-based cross-chain bridge from scratch, transferring **$1.8M worth of MTLX** tokens from **BSC to Ethereum** after the AnySwap bridge shutdown. Developed 3 smart contracts, complete backend infrastructure, and serverless cloud functions.
- Developed **15+** smart contracts across **EVM (Solidity)** and **Cosmos (Rust)** chains for an agent-based P2P OrderBook DEX where users deposit into escrow, off-chain agents match trades, and contracts handle settlement.
- Built Node.js and Python backend systems with webSocket integration for **real-time orderbook** updates coordinating agent logic and syncing on-chain/off-chain state.
- Created custom blockchain indexers for EVM and Cosmos chains to track events and maintain cross-chain state consistency for agent decision-making and live trading graphs.
- Stress-tested the system simulating up to **5,000 concurrent agents** to identify bottlenecks and inform architecture improvements.

Qstn - Remote

Software Engineer   Mar 2023 – Aug 2023

- Built and deployed Rust-based NFT smart contracts on NEAR Protocol compatible with major marketplaces (Paras, Mintbase, Few-and-Far), supporting **royalties and custom constraints**.
- Integrated Stripe payments for fiat-to-NFT purchases and launched a **1,000 NFT** mainnet collection.
- Implemented four wallet login flows ensuring seamless user onboarding and secure transactions.

Invex - Remote

Junior Software Engineer   Apr 2022 – Mar 2023

- Developed DeFi smart contracts in Rust on NEAR Protocol for on-chain token index funds composed of multiple **NEP-141** assets, delivering a working MVP with complex multi-token mechanics.
- Integrated Ref Finance DEX with our contracts using **async cross-contract calls** with exception handling for token exchanges and edge cases.
- Added real-time price evaluation for index tokens, improving market tracking and user experience.
- Conducted security reviews of smart contracts using open-source tooling to mitigate smart contract vulnerabilities.

SELECTED PROJECT

Xap (getxap.com)

Cross-chain USDC payment system enabling link-based transfers across blockchains without gas tokens or chain-specific accounts. Leveraged Wormhole, Circle CCTP, and Thirdweb account abstraction (ERC-4337). Deployed on testnet across **6 EVM chains**. Featured on **Product Hunt (22 upvotes).**

TECHNICAL SKILLS

- **Languages**: Rust, Solidity, Move, JavaScript, TypeScript, Python, SQL.
- **Blockchains**: EVM (Ethereum, BSC, Polygon, Base), Cosmos SDK (Fetch.ai), NEAR Protocol, SUI.
- **Frameworks & Tools:** Node.js, Express, MongoDB, PostgreSQL, Supabase, Docker, Git, AWS, GCP, WebSockets, Hardhat, Web3.py, cosmpy, ethers.js, MCP, x402, FastAPI, langgraph, uagents.

EDUCATION

Vidyalankar Institute Of Technology   Mumbai, India

Bachelor of Engineering in Information Technology with CGPA: 9.55/10.0