MAYURSINH ZALA

Web3 Developer | Solidity Smart Contract Engineer

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PROFESSIONAL SUMMARY

Blockchain developer with production smart contract experience. Delivered CertiK-audited Solidity contracts for international crypto project including ERC-20, presale, and staking. Strong Java/Spring Boot backend and React frontend skills. Remote-ready with 5+ country collaboration experience.

TECHNICAL SKILLS

Blockchain: Solidity, Ethereum, Web3.js, Ethers.js, ERC-20/721, DeFi, Smart Contract Security

Frontend: React.js, Next.js, JavaScript, TypeScript, HTML/CSS, Tailwind, RainbowKit

Tools: Git, GitHub, Foundry, Hardhat, Remix, Slither, Postman, Docker

Backend: Java, Spring Boot, Node.js, Express.js, Hibernate, REST APIs, JWT

Database: MySQL, PostgreSQL, MongoDB

Testing: Unit/Integration Testing, Foundry Forge, Security Auditing

PROFESSIONAL EXPERIENCE

Solidity Smart Contract Developer
Oct 2025 – Dec 2025

GrowForce FZCO (iEscrow.io) | Dubai, UAE — Remote

- Developed production smart contracts for $ESCROW ecosystem: ERC-20 token, presale with vesting, staking with variable APY
- Collaborated with CertiK auditors to prepare contracts for security audit, addressing all vulnerabilities before mainnet
- Achieved 15% gas optimization through efficient storage packing and batch processing techniques
- Implemented comprehensive test suites with 95%+ code coverage using Foundry framework

Java Full Stack Developer Intern
Jan 2025 – Apr 2025

Zidio Development | Remote

- Built scalable REST APIs using Java, Spring Boot, and MySQL following microservices patterns
- Developed responsive React.js frontend integrated with Spring Boot backend services
- Integrated Cashfree payment gateway with webhook processing and real-time status tracking

FEATURED PROJECTS

ChainBridge — Cross-Chain Token Bridge
Solidity • Foundry • Next.js • TypeScript • Node.js

- **Problem:** Built secure cross-chain infrastructure for ERC-20 token transfers between Ethereum networks
- **Solution:** Implemented lock-and-mint mechanism with multi-validator consensus and emergency controls
- **Stack:** Solidity contracts, Foundry (77 tests), Next.js + RainbowKit frontend, Node.js relayer
- **Result:** Deployed on Sepolia and Hoodi testnets with production-grade security

Ethereum Todo DApp — Decentralized Task Manager
Solidity • Web3.js • React.js • Hardhat

- **Problem:** Full-stack blockchain development with immutable on-chain data storage
- **Solution:** Smart contracts for task CRUD operations with wallet-based authentication
- **Stack:** Solidity, Web3.js integration, React frontend, MetaMask wallet connectivity
- **Result:** Deployed on Ethereum testnet with real-time blockchain state synchronization

EDUCATION

B.E. Computer Engineering — Ahmedabad Institute of Technology, Gujarat   CGPA: 7.5/10 | Aug 2021 – Apr 2025

CERTIFICATIONS & ACHIEVEMENTS

- HackerRank Java Certification
- Deloitte Technology Job Simulation
- 150+ LeetCode/HackerRank Problems
- Active GitHub Portfolio