

zigstool

Full-Stack Developer & Security Researcher

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SUMMARY

Full-stack developer and security researcher with 4+ years of experience building production web applications, Web3 protocols, and smart contracts. Skilled across the entire stack -- from React frontends and Node.js backends to Solidity contracts and cloud infrastructure. Active bug bounty hunter with validated findings on Superteam and StackUp hackathons. I build things and break things -- both make products better.

TECHNICAL SKILLS

Languages

JavaScript | TypeScript | Python | Solidity | Rust | Go | SQL

Frontend

React | Next.js | Vue.js | Tailwind CSS | EJS | Framer Motion

Web3

Smart Contracts | Foundry | Hardhat | Ethers.js | viem/wagmi | The Graph | DeFi

Backend & Infra

Node.js | Express | PostgreSQL | Redis | Docker | AWS | Cloudflare

Security

Smart Contract Audit | Web Pentesting | API Security | Burp Suite | Slither | nuclei

Tools

Git | Linux | Vercel | Chart.js | REST API | GraphQL

SELECTED PROJECTS

Star4Star -- GitHub Stars Exchange Platform

Full-stack platform where users earn credits by starring GitHub repos and spend them to get stars on their own projects. Node.js, Express, EJS, PostgreSQL, GitHub OAuth. Features credit system, leaderboards, and real-time tracking.

Node.js

Express

PostgreSQL

OAuth

YourPearl Calculator -- Mining Pool P/L Dashboard

Real-time dashboard for comparing PRL mining pools. Tracks hourly earnings, electricity costs, hashrate, and profitability with interactive charts. JavaScript, Chart.js, REST API.

JavaScript

Chart.js

REST API

Vercel

P2P Tracker -- USDT Trading Management

Trading management tool for P2P USDT traders. Smart FIFO cost-basis calculation, profit tracking per trade, session history, and performance analytics. React, TypeScript.

React

TypeScript

FIFO

BUG BOUNTIES & AWARDS

PAID	Nosana Builders Challenge: Agents 102 Security issues in Nosana AI agent framework -- Superteam bounty program	\$100
HACKATHON	Hedera Hello Future: Ascension Hackathon 2025 Technical implementation and innovation on Hedera blockchain -- StackUp	\$500

EXPERIENCE

Freelance Developer & Security Researcher

2022 -- Present

Remote

- Built 50+ production web applications -- dashboards, SaaS platforms, trading tools, and admin panels
- Deployed Web3 protocols and smart contracts on EVM chains -- DeFi integrations, token launches, dApps
- Conducted smart contract audits and web penetration testing with validated bug bounty findings
- Full-stack development: React/Next.js frontends, Node.js/Python backends, PostgreSQL, cloud deployment

Web3 Builder

2023 -- Present

Blockchain & DeFi

- Developed smart contracts using Solidity and Foundry for DeFi protocols and NFT platforms
- Built on-chain automation tools, mining dashboards, and blockchain data analytics platforms
- Integrated with protocols: Uniswap, Aave, The Graph, and various EVM chains

EDUCATION

Self-Taught -- Continuous Learning

4+ years of hands-on experience in web development, blockchain technology, and cybersecurity. Active participant in bug bounty programs, hackathons, and open-source contributions.