

# Suraj Waghmare

Senior Blockchain Engineer • Rust & EVM Specialist • Full-Stack  
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Protocol engineer specializing in Rust/EVM cross-chain infrastructure, ZK verification, and Bitcoin/Solana interoperability — engaged on senior contract and product-basis roles since late 2025, while co-founding a product studio part-time. Actively seeking a full-time or long-term senior role.

## Technical Skills

- **Languages:** Solidity, Rust, TypeScript, JavaScript, Python, Go, SQL
- **Blockchain & Protocols:** EVM, Arch Network, LayerZero OFT, Succinct ZKP, Solana, Bitcoin UTXO, Hardhat, Foundry, Ethers.js, IPFS
- **Backend & Cloud:** Node.js, Express.js, NestJS, REST APIs, Microservices, PostgreSQL, MongoDB, Redis, Docker, AWS, CI/CD
- **Frontend & Tools:** React.js, Next.js, WebAssembly (WASM), Tailwind CSS, RainbowKit, WalletConnect

## Professional Experience

### Lead Protocol Architect (Contract)

ChequeFi Labs

Jul 2026 – Present

Remote

- Engaged on a freelance, product-basis contract to architect production-grade smart contracts, core economic mechanisms, and protocol-level backend systems.

### Co-Founder

Yashotantra Technologies (Side Hustle, Part-Time)

Jun 2026 – Present

Remote

- Co-founded an early-stage product engineering studio (web, AI, Web3) for startups and founders, run part-time alongside full-time/contract engineering work.

### Freelance Blockchain Consultant

Independent Consulting

Feb 2026 – Jul 2026

Remote

- Advised early-stage protocol teams on smart contract architecture, cross-chain design, and security best practices between engagements.

### Senior Blockchain Developer (Contract)

Air Protocol ([onair.quest](#))

Nov 25, 2025 – Feb 2026

Remote

- Shipped decentralized news verification contracts on Base EVM within a 2-person core blockchain engineering team.
- Engineered real-time on-chain indexing pipelines and decentralized persistence layers using Node.js, TypeScript, and IPFS.
- Built a high-performance Farcaster Mini App and PWA with secure multi-wallet connectivity via RainbowKit.

### Senior Blockchain Engineer

Digichain Global (Bima.money Ecosystem)

Jul 2024 – Nov 15, 2025

Bridgewater, NJ (Remote)

- Engineered cross-chain lending infrastructure across **bima.money**, **arch.bima.money**, and **occam.bima.money** spanning EVM, Arch Network, Bitcoin, and Solana.
- Developed native Rust smart contracts and EVM protocols, implementing LayerZero OFT standards and Wormhole/Hyperlane interoperability.
- Built Rust backend microservices integrating Succinct Zero-Knowledge Proof (ZKP) infrastructure for trustless asset verification.
- Constructed Bitcoin UTXO transaction pipelines and on-chain credit-scoring models via Python and Node.js.

### Blockchain Developer (Part-Time, Transition Handover)

ChainForge Technologies

May 2024 – Oct 2024

Nagpur, India (Remote)

- Continued part-time through Oct 2024 to hand off ongoing work to an incoming developer after joining Digichain Global full-time in Jul 2024.
- Developed PancakeSwap V2-based DEX smart contracts, automated liquidity pools, and staking mechanisms.
- Engineered responsive Web3 user interfaces with React and Ethers.js, batching smart contract calls to optimize gas overhead.

### Full Stack & Web3 Engineer

Independent Consulting

Sep 2022 – Apr 2024

Remote

- Delivered decentralized MVPs across DeFi protocols, NFT platforms, and token launches using Solidity, React, and Node.js.

## Featured Full-Stack & Web3 Projects

### Yashotantra Academy Ecosystem | [academy.yashotantra.com](#)

Next.js, TypeScript, WebAssembly

- Engineered an interactive CS and Web3 learning platform featuring modular course infrastructure and scalable backend services.
- Integrated **In-Browser Solidity IDE** ([academy.yashotantra.com/solidity-ide](#)) for client-side compilation via WASM and testnet deployments via RainbowKit.

### Bima.money Suite (arch.bima.money & occam.bima.money) | [bima.money](#)

Rust, EVM, LayerZero OFT

- Delivered cross-chain lending platforms featuring Arch Network Rust execution, LayerZero V2 OFT bridging, and ZK verification.

## Education & Key Achievements

### Sant Gadge Baba Amravati University

Ph.D. in Computer Science (Research in Blockchain Systems & Distributed Architecture)

Present

Amravati, India

### Centre for Development of Advanced Computing (C-DAC)

Post Graduate Diploma in FinTech & Blockchain (Grade: 81%)

2023

Patna, India

### Sinhgad Academy of Engineering

Bachelor of Engineering in Computer Science (CGPA: 8.11/10)

2020

Pune, India

**Achievements:** 1st Place Winner, ICP BlockBash Hackathon (2024) • Authored 2 Research Papers in Deep Learning.