

Suraj Waghmare

Senior Senior Software Engineer

SUMMARY

- Senior Software Engineer with 3+ years specializing in full-stack development and blockchain systems across EVM, Solana, and Bitcoin ecosystems.
- Proficient in JavaScript, TypeScript, Python, Rust, Go, and Solidity; experienced with React.js, Next.js, Node.js, REST APIs, and microservices architecture.
- Led smart contract development and backend automation for decentralized applications, including multi-chain DeFi platforms and NFT systems.
- Skilled in blockchain integrations, wallet connectivity, on-chain data processing, and decentralized storage using IPFS.
- Holds a B.E. in Computer Science and a P.G. Diploma in Fintech & Blockchain; awarded 1st place at BlockBash 2024 ICP Hackathon.

TECHNICAL SKILLS

Main Technical Skills	JavaScript (3 yr.), TypeScript (3 yr.), Python (2 yr.), Solidity (3 yr.), React (3 yr.)
Programming Languages	Go, JavaScript (3 yr.), Python (2 yr.), Rust, Solidity (3 yr.), TypeScript (3 yr.)
JavaScript Libraries and Tools	p5.js, Vite
JavaScript Frameworks	React (3 yr.)
UI Frameworks, Libraries, and Browsers	CSS, HTML
Cloud Platforms, Services & Computing	AWS, Vercel
Blockchain and Decentralized Software	Alchemy, Bitcoin Blockchain (2 yr.), ETH (Ethereum blockchain), Foundry, Hardhat, Infura (1 yr.), IPFS (InterPlanetary File System), Polygon, Smart Contract (3 yr.), Solana (2 yr.)
SDK / API and Integrations	API (2 yr.), RESTful API (3 yr.), Telegram API
Virtualization, Containers and Orchestration	Docker
Version Control	Git (3 yr.)
Methodologies, Paradigms and Patterns	microservices
Platforms	Microsoft Power Platform (2 yr.)

QA, Test Automation, Security	QA Automation
Operating Systems	Unix (1 yr.)
Other Technical Skills	InterPlanetary File System

WORK EXPERIENCE

Senior Blockchain Developer - Air Protocol (Air Protocol Decentralized Application)

Duration: Nov 2025 – Present

Summary:

- Development of a decentralized application on BASE EVM, including smart contracts, backend systems, and frontend applications
- The project aims to provide a secure and scalable blockchain-based platform with wallet integrations and decentralized storage

Responsibilities:

- Led development of smart contracts and backend systems.
- Built full-stack application including Farcaster Mini App and PWA using modern frontend frameworks.
- Implemented wallet integrations and secure user authentication flows.
- Developed backend services for monitoring, automation, and on-chain data processing.
- Integrated decentralized storage solutions using IPFS (Pinata, Infura).

Technologies: BASE EVM, smart contracts, frontend frameworks (Next.js, React), IPFS (Pinata, Infura), backend services

Blockchain Developer - Digichain Global (Bima.money Multi-chain DeFi Platform)

Duration: Jul 2024 – Nov 2025

Summary:

- Bima
- money is a multi-chain DeFi platform featuring lending and credit systems
- The project involves smart contract development, testing, and backend integration across multiple blockchain ecosystems including EVM, Solana, and Bitcoin-based systems

Responsibilities:

- Contributed to smart contract testing, validation, and improvement prior to production deployment.
- Designed and executed multi-chain testing workflows (EVM, Solana, Arch).
- Built backend services and automation tools including AI-powered Telegram bot.
- Worked on Bitcoin-based systems (Stacks, UTXO) and financial transaction models.
- Developed credit scoring logic for blockchain wallets based on transaction behavior.
- Collaborated across frontend, backend, and blockchain layers for end-to-end delivery.



Technologies: EVM, Solana, Arch, Bitcoin (Stacks, UTXO), smart contracts, AI, Telegram bot, backend services

Blockchain Developer - ChainForge Technologies (Decentralized Exchange (DEX) Development)

Duration: May 2024 – Oct 2024

Summary: Development of decentralized exchange smart contracts based on PancakeSwap V2 forks and integration of frontend applications with blockchain networks.

Responsibilities:

- Developed DEX smart contracts.
- Integrated frontend applications with blockchain using ethers.js and wallet connectors.

Technologies: PancakeSwap V2 forks, smart contracts, ethers.js, wallet connectors

Blockchain Developer - BlockSillo (Web3 MVP Application)

Duration: April 2023 – June 2023

Summary: Delivered a full-stack Web3 MVP application featuring NFT smart contracts and backend services to support blockchain integrations.

Responsibilities:

- Developed full-stack Web3 MVP application using MERN stack and smart contracts.
- Developed REST APIs and backend services for blockchain integrations.

Technologies: MERN stack, smart contracts, REST APIs, backend services

Full Stack Blockchain Developer - Freelance (Various Full-stack Web3 Applications)

Duration: Sept 2022 – Oct 2024

Summary: Delivered multiple full-stack Web3 applications including DeFi platforms and NFT systems, focusing on backend API development and smart contract integration.

Responsibilities:

- Delivered full-stack Web3 applications including DeFi platforms and NFT systems.
- Built REST APIs using Node.js, TypeScript, and Python for backend services.
- Developed smart contracts and integrated them with frontend applications.
- Worked across multiple stacks including React, Next.js, and blockchain SDKs.

Technologies: Node.js, TypeScript, Python, React, Next.js, smart contracts, blockchain SDKs

EDUCATION

- **C-DAC**
P.G. Diploma, Fintech & Blockchain, 81%, 2023
- **Sinhgad Academy of Engineering**
B.E. Computer Science, CGPA: 8.11, 2020

CERTIFICATION

- **BlockBash 2024**
1st Place – ICP Hackathon

