

Mani Kandan D

Middle Senior Blockchain Developer

SUMMARY

Senior Blockchain Developer with 5+ years leading multi-chain DeFi, RWA tokenization, and cross-chain protocol projects using Solidity, Rust, and Node.js. Expertise in architecting scalable systems like AlphaSwap DEX, LayerZero-based cross-chain lottery, and Cosmos-based Alphachain with IBC integration. Skilled in ERC-3643 token standards, Chainlink oracles, multi-signature security, and gas-optimized smart contract design.

TECHNICAL SKILLS

Main Technical Skills	Solidity (5 yr.), Node.js (5 yr.), JavaScript (5 yr.)
Programming Languages	JavaScript (5 yr.), Solidity (5 yr.)
JavaScript Libraries and Tools	Ethers.js, Pm2
JavaScript Frameworks	Express, Node.js (5 yr.), React, Remix
Databases & Management Systems / ORM	Cosmos DB (1 yr.), CouchDB (1 yr.), MongoDB (1 yr.), Redis
Azure Cloud Services	Cosmos DB (1 yr.)
Blockchain and Decentralized Software	Anchor, ERC-1155 (3 yr.), Ethers.js, Foundry, Hardhat, Hyperledger (1 yr.), LayerZero (1 yr.), Solana (1 yr.), Tron
Version Control	Git (5 yr.)
Mail / Network Protocols / Data transfer	GRPC, WebSockets
QA, Test Automation, Security	Postman

WORK EXPERIENCE

Senior Blockchain Developer — Team Lead - Alpharive Tech Pvt Ltd (AlphaSwap DEX and Cross-Chain Systems)

Duration: 2025 – Present

Summary:

- Development and leadership of multiple blockchain projects including a decentralized exchange (DEX) AlphaSwap, cross-chain AMM trading bot, RWA tokenization platform, cross-chain lottery protocol, Alphachain blockchain, and an enterprise supply chain system



- These projects focus on scalable DeFi solutions, cross-chain interoperability, and enterprise blockchain applications

Responsibilities:

- Led a team of blockchain developers overseeing smart contract architecture, code reviews, and secure deployment pipelines across multi-chain systems.
- Architected and launched AlphaSwap DEX handling 1,000+ daily swap transactions with slippage protection and gas-optimized liquidity logic.
- Spearheaded a cross-chain AMM trading bot connecting EVM, Solana, and Alphachain, reducing execution latency by 40%.
- Delivered an RWA tokenization platform enforcing KYC/AML compliance across 3 asset classes with role-based access control.
- Engineered a cross-chain lottery protocol using LayerZero, Stargate, and IBC, processing 500+ daily entries with Chainlink VRF.
- Designed and integrated Alphachain, a Cosmos-based EVM blockchain enabling IBC-based cross-chain asset transfers and secure state synchronization.
- Deployed an enterprise supply chain system on Hyperledger Fabric tracking 1,000+ assets with tamper-proof audit trails.

Technologies: Solidity, Rust, Node.js, ERC-3643, LayerZero, Stargate, IBC, Chainlink, Cosmos SDK, Hyperledger Fabric, EVM, Alphachain, MongoDB, CouchDB

Blockchain Developer - Clarisco Solutions (DeFi and Cross-Chain Platforms)

Duration: 2021 – 2025

Summary:

- Development of DeFi products including MLM staking platforms, decentralized exchanges, and cross-chain bridge systems supporting multiple blockchain networks
- Focused on secure smart contract development and enabling seamless token transfers for a large user base

Responsibilities:

- Developed and shipped 15+ production-grade smart contracts across various DeFi products.
- Launched MLM staking platforms with time-lock contracts securing over \$2M in staked assets.
- Constructed DEX and cross-chain bridge systems supporting 5+ blockchain networks.
- Enabled seamless token transfers for over 10,000 users across multiple blockchains.

Technologies: Solidity, Node.js, Ethereum (EVM), Cross-chain bridge protocols

EDUCATION

- **Sethu Institute of Technology, Madurai**
B.E. Electronics and Communication Engineering
2016 – 2020

