

Kiruthik Raaj

Blockchain Architect

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SUMMARY

Blockchain Architect with 5+ years of experience building scalable decentralized systems, specializing in RWA platforms, tokenization, and multi-chain architectures. Proven in leading teams, designing secure smart contract ecosystems, and integrating on-chain and off-chain systems. Focused on delivering high-performance, production-grade Web3 solutions.

PROFESSIONAL EXPERIENCE

Senior Blockchain Developer

The Amber Studio 04/2025 - Present Gurgaon, India

- Architected and led a team of {4} engineers in building a Real-World Asset (RWA) platform, ensuring secure and optimized on-chain operations.
- Designed and implemented cost-efficient, production-grade smart contracts with a focus on scalability and gas optimization.
- Built a blockchain-based rewards service as a PaaS/SaaS model, defining core architecture, service standards, and development practices.
- Established and enforced engineering standards to streamline collaboration and ensure consistency across multiple blockchain modules.

Head of Engineering

Hedgeblock 2023 - 04/2025 Chennai, India

- Introduced an on-chain multi signature solution, thereby improving security and usability for decentralized applications
- Launched a community-driven testnet for open-source projects, resulting in a {50%} increase in user engagement
- Directed promotional activities, leading to a {25%} increase in user adoption and participation for the project
- Managed the integration of technology within the DEX, DeFi and bridges achieving compatibility with {3} EVM chains

DevOps & Blockchain Engineer

FTI Consulting 2024 - 01/2025 Chennai, India

- Contributed to DevOps operations including CI/CD pipelines, infrastructure setup, and deployment architecture.
- Developed and maintained Blockchain-as-a-Service (BaaS) products such as immutability and notarization services.
- Worked on Infrastructure as Code (IaC) for blockchain notarization systems ensuring reliability and scalability.
- Reviewed and optimized blockchain modules to improve performance, code quality, and maintainability.
- Collaborated with multiple teams to align DevOps automation with blockchain workflows and product goals.

Technical Lead

Calibraint 2021 - 04/2025 Chennai, India

- Led a group of {5} developers in creating {10} DApps and smart contracts across Ethereum, Hedera Hashgraph, and Cosmos networks
- Lead the creation of a DEX Proof of Concept (POC) and a multi-browser Web3 wallet that works on Chrome, Brave, Firefox and then integrated them into one without any conflicts
- Provided architecture for full stack development of {8} blockchain projects, focusing on Node.js and React
- Collaborated with cross-functional teams to deliver {4} token management systems and stablecoin platforms
- I contributed to cryptographic advancements, including enhancements to elliptic curve signatures and other advanced security protocols

TECHNICAL SKILLS

HTML CSS JavaScript TypeScript

Solidity Pact React.js Angular

NestJs Next.js Vite Vue.js

Node.js Express.js Java REST APIs

SQL | NoSQL Python Redux

Object-Oriented Programming Rust

Ethereum Polygon Kadena Binance

Solana Hyperledger

AWS GCP Docker MongoDB

MySQL PostgreSQL Git CI/CD

Data Structures Microservices

Distributed Systems Agile Debugging

Design Patterns Linux GitHub

EDUCATION

Bachelor of Computer Science

Dr.N.G.P. Institute of Technology

2017 - 2021 Coimbatore, India

STRENGTHS



Analytical Problem Solver

My strength lies in successfully dissecting complicated issues and proposing working solutions which I turn into strategic planning in those challenging situations.



Determined Achiever

I am born with a personal need to get my goals, I have a strong will to give the necessary time and effort to my success, no matter what obstacles come my way.

PROFESSIONAL EXPERIENCE

Blockchain Developer

Genesis Block

📅 2021 - 2023 📍 Chennai, India

- Developed a music NFT marketplace with a focus on backend architecture and blockchain integration, facilitating NFT management and transactions
- Created a blockchain bridge application that allows Kadena and Ethereum to interact across chains
- Proposed security improvements for the bridge application to ensure system integrity

STRENGTHS



Adaptable Learner

I am constantly looking for growth opportunities, and I am always ready to learn new technologies and methodologies to strengthen my skills and to be a contributing member in the projects.

KEY ACHIEVEMENTS

Star Performer (4)

Recognized for outstanding contributions and exceptional performance, I received the Star Performer Award in April 2022, January-March 2023, August 2023, and November 2023 at Calibrant.

Out of the Box Contributor

Acknowledged for my innovative ideas and unique contributions during the July-September 2023 period.