SEDHURAJA NALLAYAN

Head of Engineering, Blockchain, Fullstack

📞 +91 7373706004 @ mail@sedhu.me 🔗 https://sedhu.me 📍 Chennai, India

EXPERIENCE

Head of Engineering
Cypher(cypherhq.io) YC 22

📅 05/2022 - 03/2025   📍 Chennai, India

A company focused on blockchain-based banking solutions

- Architected Cypher Suite for cross-platform compatibility across mobile apps, dApps, SDKs, and business SaaS
- Developed Multi Entry Ledger System with real-time authorization across VISA Banking Partners and Transaction Fraud Monitoring with p99 as 140ms
- Integrated blockchain features, card services, and global crypto fiat payout systems with partners
- Incorporated latest Web3 advancements into Cypher Suite
- Implemented smart contracts for autoload features and real-time portfolio balance updates
- Maintained robust security, performance, and scalability standards
- Led innovation teams aligned with business objectives
- Provided technical leadership and mentorship to foster collaborative engineering culture
- Managed full development lifecycle from design to deployment with continuous optimization

Member of Technical Staff
VMWare Software India Pvt Ltd

📅 10/2018 - 01/1970   📍 Chennai, India

A global leader in cloud infrastructure and digital workspace technology

- Designed and Implemented Enterprise Ethereum Blockchain Explorer
- Written Solidity Smart Contracts for Access & Authorization for Privacy Centric Enterprise Blockchain and One Touch Token Creations ERC 20, 721
- Developed VMWare Ethereum Starter Kit (Containerised Blockchain for Development and POCs)
- Leading the Management plane team adding IPv6 Support to Orchestrator
- Implemented context-aware API/UI framework for backward compatibility
- Implemented NPM Library Velo-Utils with validations and shared functionalities
- Part of the team that migrated stats from MySQL to Clickhouse for improved response time and stability

Senior Product Developer
Freshworks Technologies Pvt Ltd

📅 07/2016 - 09/2018   📍 Chennai, India

A company known for its suite of business software products centered on customer engagement

- Part of the team that developed web-based reporting tools/dashboards and data warehousing for internal needs
- Designed and developed ETL Architecture, AWS Stack and AWS Redshift Maintenance
- Built data warehousing system from technical and functional specifications
- Tested designs of the new system to ensure smooth operations and resolved issues as they arose
- Identified and captured lessons learned, best practices, and information gained during tasks

Cisco (Formerly BroadSoft Technologies Pvt Ltd)

📅 03/2014 - 07/2016   📍 Chennai, India

Aegify (Formerly eGestalt Technologies) Private Limited

📅 04/2011 - 02/2014   📍 Bangalore, India

EDUCATION

B Tech
Amrita School of Engineering

📅 08/2006 - 05/2010   📍 Coimbatore, Tamil Nadu

SUMMARY

Seasoned engineer with 14+ years of experience in designing, building, and scaling web applications.

Currently Head of Engineering at Cypher, leading the development of an innovative Web3 Onchain Banking Solution. Expert in optimizing application performance, driving technical improvements, and fostering high-performing teams. Recognized for strong communication skills and a collaborative, results-driven leadership style.

STRENGTHS

💡 **Engineering and Leadership**
Expertise in creating scalable web-based applications and blockchain solutions

KEY ACHIEVEMENTS

🚩 **Development of Cypher Suite**
Successfully led the development of Cypher's Suite that enhances financial transactions on the blockchain, ensuring security and performance

SKILLS

Fullstack	JavaScript/Typescript (React
React Native)	Java	Python
Node.js (NestJS)	REST APIs	AWS
GCP	Redshift	Kinesis	SQS
Cognito	DynamoDB	SQS
Timestream	Kinesis	Docker	Jenkins
Git	MongoDB	NoSQL	ETL
Serverless	ELK Stack	Blockchain (EVM
Solidity	Cosmos	Solana)	NPM
Redis	Product Engineering