

# PUJITH M

Senior Software Engineer | Blockchain Expert | Web3 Enthusiast

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## SUMMARY

Experienced **Senior Software Engineer** specializing in **backend development**, blockchain indexing, and web3 API integration. Skilled in **Golang, Spring Boot, and Kafka**, with a proven track record of building scalable blockchain solutions, web3 notification engines, and backend systems. Passionate about optimizing performance, implementing best practices, and driving innovation in blockchain and web development.

## PROFESSIONAL EXPERIENCE

### Senior Software Engineer

04/2021 - Present

#### Unmarshal

Bengaluru, India

A multi-chain data infrastructure company that provides seamless access to blockchain data for **Wallets, DeFi, and NFTs**.

- Designed and built a high-performance **blockchain data indexing solution**, optimizing data retrieval for decentralized applications and efficiently handling **500M+ API requests per month**. Improved scalability and reliability using **Golang, LevelDB, DynamoDB, Kafka**.
- Led a team of **five engineers**, providing **technical guidance, code reviews, and mentorship** to uphold best practices in **blockchain indexing and microservices architecture**, fostering a high-performance development environment.
- Developed **Unmarshal Parser**, a zero code **smart contract visualization tool** that simplifies **data indexing and retrieval** using **contract ABI and addresses**, similar to **The Graph**. Built with **Golang, Postgres, and GraphQL** for efficiency and scalability.
- Integrated ChatGPT APIs** to visualize user wallet details, market trends, and price insights, enhancing user experience with AI-driven data representation. Typescript, OpenAPI, NextJs
- Designed and built a **scalable Web3 notification engine**, delivering **50M+ real-time notifications per month** on **blockchain events, transactions, and smart contract interactions**. Optimized for performance and reliability.
- Led the development of Xscan, a cross-chain blockchain explorer, increasing blockchain data retrieval speed by **30%** and serving **50K+ monthly users**.
- Implemented an **API gateway** processing **20M+ requests daily**, enhancing authentication security and cutting unauthorized access by 60%.
- Developed **TypeScript and Go SDKs** for the **Unmarshal API suite**, reducing **integration time by 50%** and enabling developers to seamlessly interact with blockchain data through a standardized and user-friendly interface.
- Implemented a **centralized logging and monitoring system** using Grafana, Loki, and Prometheus, enhancing system observability, **reducing MTTR (Mean Time to Resolution) by 50%**, and improving **proactive incident detection and response efficiency**.

### SDE-2

12/2019 - 03/2021

#### Navi Technologies Pvt Ltd

Bengaluru, India

A digital financial services company that leverages technology to simplify lending and personal finance solutions.

- Built & Maintained Core Accounting Systems:** Developed and maintained the internal accounting system for Navi's personal loan platform using Spring Boot, Kafka, and Psql.
- Automated Loan Collection System:** Developed a rule-based automated loan collection system that boosted efficiency by 15% by automating repayment reminders and streamlining customer management.
- Ensured Regulatory Compliance:** Contributed to ensuring compliance with regulatory requirements by generating and submitting CIBIL reports to credit bureaus in a timely and accurate manner.

### Software Developer

07/2018 - 11/2019

#### MavenHive Technologies

Bengaluru, India

A Bangalore-based consulting firm that accelerates early-stage startups by transform innovative ideas into market-ready products, later acquired by Navi.

- CRED:** Developed an internal dashboard using React JS to configure Cred products, streamlining the management process.
- CultFit:** Contributed to the development of an e-commerce system for Cult Gear, focusing on inventory management functionalities.



## SKILLS

### Programming Languages

Golang, Typescript, Java, Solidity

### Backend & Frameworks

Node.js, Spring Boot, Kafka, Kubernetes, Docker, AWS, GCP

### Databases & Caching

Postgres, Redis, DynamoDB, LevelDB

### Blockchain & Web3

Web3.js, Foundry, Geth, RPC

### Frontend

React.js, Next.js, MUI, Tailwind

## EDUCATION

### Bachelor of Engineering in Computer Science

SJB INSTITUTE OF TECHNOLOGY

2014 - 2018

Bengaluru, India

## KEY ACHIEVEMENTS

### Developed a Consensus Mechanism for Token Balances

Designed a system to ensure atomicity and 100% accurate token balances. Shifted from fetching balances on demand to real-time tracking, reducing node calls by 70% and significantly lowering operational costs.

### Modularized Blockchain Indexers for Non-EVM Chains

Implemented a modular indexing framework using Go generics and well-defined interfaces. This reduced development time for new chain integrations by 60-70%, streamlining blockchain data processing.

### Optimized Data Storage in LevelDB

Transitioned data storage from JSON to ProtoBuf, improving performance, reducing storage usage by 30%, and cutting costs.

### Technical Hiring, Mentorship, and Training

Led the hiring and onboarding of freshers, mentoring them in Agile methodologies, writing high-quality code, and structured software development practices to build a strong engineering culture.