

# KUMAR RAJU S

Full Stack Developer | Next.js, Node.js, Go, DevOps ,HLF | Building Scalable Web & Cloud Apps

📞 +91-9731213060 ✉ kumar.raj.fullstack@gmail.com

👤 LinkedIn 🌐 Portfolio 🚀 GitHub

## PROFESSIONAL SUMMARY

Fullstack developer with ~2 years of experience building scalable web, microservices, and blockchain-based applications. Proficient in Node.js, Go, React, Docker, and REST APIs. Skilled in JWT authentication, CI/CD pipelines, containerized deployments (Docker, AWS, Vercel), and DevOps workflows. Delivered production-grade applications in Fintech, Healthcare, and Surveillance domains with a strong focus on security, performance optimization, and system design.

## TECHNICAL SKILLS

Frontend: React.js · Next.js · Redux Toolkit · Tailwind CSS · HTML5 · CSS3

Backend: Node.js · Express.js · Go · REST & GraphQL APIs · JWT/OAuth

Databases: MongoDB · PostgreSQL · MySQL · Neo4j · CouchDB · Redis · DynamoDB

Cloud & DevOps: AWS (EC2, Lambda, S3, EBS, EFS, CloudWatch) · Docker · Kubernetes (EKS) · Nginx · CI/CD

Messaging: Kafka · RabbitMQ · BullMQ

Tools: Git · GitHub · GitLab · Postman · Swagger · ThunderClient · Jest (basic)

Blockchain & Core: Hyperledger Fabric · Microservices · DSA · API Design · Security Best Practices

## EXPERIENCE

### Simplyfi.tech

Full Stack Developer

Bengaluru, India

Aug 2024 - Present

Designed and maintained scalable backend systems using Go, Node.js, message queues, and microservices. Developed production-grade APIs, integrated blockchain smart contracts, and implemented AWS services (SNS, S3) with Docker and CI/CD pipelines. Also contributed to frontend development using React, Next.js, HTML, and CSS.

- Vihanga (AgriTech App)

*Tech Stack: Node.js · MongoDB · Kafka · Docker · Kubernetes · EKS*

Built a farmer-focused app enabling land/crop listing, trading of fertilizers, and AI-based soil/crop recommendations. Worked as part of a dedicated agri-data team to enhance rural outreach.

- Asset Tokenization Platform (Grow Trading)

*Tech Stack: Node.js · Go + HLF · AWS, Docker · CI/CD · Microservices*

Engineered a high-throughput Go microservice for real-time data processing in asset tokenization, reducing latency by 40%. Deployed using Docker and automated CI/CD pipelines to AWS.

- NAMM\_CAPITAL

*Tech Stack: Next.js · React Query · Tailwind CSS · Redux Toolkit*

Designed and implemented a responsive, multi-role loan management portal with distinct views and workflows for Borrowers, Relationship Managers, and Admins. Built complex frontend logic for user journeys, data fetching, and role-based dashboards.

- Chatbot Integration (AstraZeneca, Anita)

*Tech Stack: Node.js · Sinch · MongoDB · Facebook Graph API · couchDB*

Built a Node.js health-tracking service integrating Sinch for WhatsApp/Facebook, enabling automated daily check-ins for 10K+ users and improving user engagement by 60%.

- AssetFractio (Real Estate Tokenization)

*Tech Stack: Next.js · Node.js · HLF · AWS SNS · S3 · PostgreSQL*

Delivered secure blockchain APIs in Go and Node.js for asset ownership tracking. Leveraged smart contracts and

integrated AWS SNS (OTP/SMS) and S3 (file storage), improving reliability by 35%.

- CBDC (Central Bank Digital Currency)

*Tech Stack: Node.js · Go · Microservices · Redis · HLF · SQL*

Re-architected backend logic for CBDC operations, improving code efficiency by 30% and reducing average response time by 25% across high-volume endpoints.

- Blockchain Registry (Document Verification)

*Tech Stack: Node.js · HLF · Stripe · AWS · Docker · GO*

Modernized a legacy Node.js + blockchain platform by integrating Stripe for fee handling, reducing payment failures by 50%. Refactored smart contract modules and deployed via Docker on AWS.

- Simplyfi JHealth (Healthcare App)

*Tech Stack: Node.js · MongoDB · AWS · WebSockets*

Delivered a patient backend system handling real-time health metrics, enabling >2,000 users to book appointments and interact with healthcare professionals securely.

- Compliance Management System (CMS for Unilever)

*Tech Stack: Node.js · MongoDB · React.js*

Automated compliance data ingestion and reporting using AI-based logic, accelerating report generation by 3x and supporting 100+ user queries daily.

- Money Market

*Tech Stack: Node.js · Canton Network · gRPC · Redis · CouchDB · MongoDB*

Developed Node.js middleware for live asset tokenization of T-Bills and commercial papers on Canton, supporting settlement speed under 200ms.

- EV Service Pro (EV Assistance App)

*Tech Stack: Node.js · Next.js · Google Maps API · MongoDB · AWS*

Built features to locate nearby EV charging stations, repair centers, and emergency help with real-time map integration.

## Inventech

Full Stack Developer (Backfill)

Bengaluru, India

Jan 2024 - Aug 2024

- Pulse Panel (KEKA):

*Tech Stack : Next.js · Nest.js · MongoDB · Tailwind CSS · shadcn/ui*

Designed a modular, role-based admin dashboard with real-time clock-in/out tracking, boosting operational transparency by 50%.

## Securspy

Full Stack Developer (Freelance)

Bengaluru, India

Oct 2023 - Jan 2024

- Spearheaded end-to-end development of **securspy.in**, building a responsive MVP using Next.js and Material UI within 12 weeks.
- Collaborated directly with stakeholders to refine features, ensuring 100% delivery on scope.
- Designed scalable component architecture with optimized SEO and Core Web Vitals compliance, improving page speed by 40%.

## CERTIFICATIONS

---

- Certified Web Developer – Udemy 2023
- Advanced MySQL Certification 2023
- University Hackathon 2025 – Recognized for Excellence in Collaborative Development

## EDUCATION

---

*Bachelor of Science (Bsc. PMES) | June 2020 – Aug 2023 | Bengaluru, India*