KUMAR RAJU S

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

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👥 **LinkedIn** 🌐 **Portfolio** 🚀 **GitHub**

PROFESSIONAL SUMMARY

Fullstack developer with 1.5 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 · Nest.js · Payment Gateway Integration (Razorpay, Stripe, IDFC Payout)
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   **Bengaluru, India**
Full Stack Developer   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.

- Bandan Bank (SBI Collect App)
  Tech Stack: Nest.js · PostgreSQL
  Built a bank payment collection app (like SBI Collect) using Nest.js and PostgreSQL, enabling secure customer payments, transaction tracking, and AI-based insights.
- 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.
- 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.

Upskilling & Professional Development   **Bengaluru, India**
Full Stack   Jan 2024 – Aug 2024

Focused on upskilling full-stack development through hands-on learning, working with Next.js, NestJS, TypeScript, MongoDB, and PostgreSQL. Built small projects to understand real-world application architecture, strengthened API development and database design skills, and improved frontend development using Tailwind CSS and component-based UI. Gained confidence in building scalable, production-ready applications following industry best practices.

SECURSPY INTELLIGENCE SYSTEMS PRIVATE   **Bengaluru, India**
Full Stack Developer (Freelance)   Oct 2023 – Dec 2023

- 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
- 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