

LAKSHIT KUMAR SINGH

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Node.js developer with 5 years of experience in designing and deploying scalable, high-performance web applications for the fintech and healthcare industries. Proficient in Node.js, JavaScript, Angular, MongoDB, Redis (Cache Server), REST API, and AWS. Proven expertise in developing API integrations, microservices, caching strategies, and robust authentication systems.

Professional Experience

Tramo Technolab Pvt Ltd, Noida, India

Software Engineer (February 2024–September 2024)

- **Fintech Application Development:** Developed a fintech web platform offering services like Bill Payments, Recharge, and Money Transfer.
- **API Aggregation Platform:** Designed an API aggregator connecting to third-party APIs (Razorpay, Airtel Payment Bank) to streamline transactions and facilitate Aadhaar, GST, and PAN verifications.
- **Real-Time Updates:** Built custom webhooks enabling partner companies to receive real-time transaction status updates.
- **Streamlined User Onboarding:** Integrated DocuSign for digital agreements, reducing onboarding time by 40%.
- **Scalability:** Enhanced system architecture for handling 2x concurrent users, ensuring seamless performance under load.

Diam Technosoft, Noida, India

Software Engineer II (March 2023–January 2024)

- **Redis Cache Implementation:** Integrated a Redis-based caching layer to enhance application performance, reducing MongoDB query response times.
- **Query Optimization:** Analyzed and optimized existing MongoDB queries by implementing indexing strategies, significantly improving database efficiency.
- **Transaction Handling:** Implemented MongoDB transactions to ensure data consistency and resolved critical issues affecting multi-document operations.

Enrich Digital, Bengaluru, India

Software Engineer (*February 2019–February 2023*)

- **End-to-End Solutions:** Led the development of a real-time Asset Management Solution, optimizing supply-chain management and operations by building robust Node.js-based backend services.
- **Front-End Modernization:** Migrated UI from HTML/CSS to Angular, leveraging components, directives, and services to enhance maintainability and responsiveness.
- **Data Layer Implementation:** Designed a MongoDB-based data layer, ensuring seamless persistence, backup, and retrieval for enterprise applications.
- **Middleware & APIs:** Engineered secure REST APIs and middleware configurations using Express.js for data-driven applications.
- **Authentication Systems:** Implemented Passport.js and JSON Web Tokens (JWT) for role-based access control (RBAC) and authentication.
- **Continuous Monitoring:** Managed on-premise deployments with proactive monitoring to maintain 99.9% application uptime.

Education

Bachelor of Technology in Computer Science with specialization in OSS

University Of Petroleum And Energy Studies, Dehradun, India (2015 - 2019)

12th Grade

Birla Public School, Pilani, India (2013 - 2015)

Key Projects

Health And Wellness App (Health & JIVA)

- Developed and deployed a cross-platform mobile app using React Native, achieving over 10,000 downloads on Google Play and Apple App Store.
- Implemented a subscription model with Razorpay, increasing recurring revenue by 25%.
- Designed reusable container components and an intuitive UI design system, enhancing user engagement.

Airport Hospitality Management System (GMR)

- Created a real-time dashboard and reporting system for airport maintenance, leveraging Highcharts and REST APIs.
- Delivered a single-page application (SPA) with an optimized user interface for operational insights.

Technical Skills

- **Programming Languages:** JavaScript, TypeScript, HTML, CSS
- **Frameworks & Libraries:** Node.js, Express.js, Angular, React Native
- **Databases:** MongoDB, MySQL
- **Cloud & Tools:** AWS, Linux, Docker
- **Development Practices:** Microservices, Serverless Architecture, Event-Driven Programming, CI/CD Pipelines

Certification

- Certified Blockchain Developer: **Blockchain Council**.