

GOKULA KRISHNAN R

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Summary

Senior Full Stack Engineer with 5+ years of experience designing and delivering scalable web, mobile, and cloud-native applications using TypeScript, Node.js, React, Next.js, NestJS, PostgreSQL, MongoDB, and AWS. Proven track record of leading end-to-end product development, architecting microservices, optimizing performance, and shipping customer-facing products from concept to production. Strong background in system design, DevOps, observability, CI/CD, and engineering leadership across distributed teams.

Skills

Languages: JavaScript, TypeScript, Java, SQL, Go, Swift **Frontend:** React, Next.js, Flutter, Redux, Tailwind CSS, HTML5, CSS3, SCSS, [Three.js](#) **Backend:** Node.js, Express.js, NestJS, FastAPI, Flask **Databases:** PostgreSQL, MongoDB, MySQL, DynamoDB **Cloud & DevOps:** AWS, EC2, Lambda, S3, SQS, Docker, Nginx, GitHub Actions, CI/CD **Engineering Practices:** System Design, Microservices, REST APIs, Performance Optimization, Testing, Observability **Architecture & System Design:** Distributed Systems, Event-Driven Architecture, Caching Strategies, Database Optimization, Horizontal Scaling **Leadership:** Mentoring junior engineers, Technical decision making, Code reviews, Project ownership, Cross-functional collaboration.

Experience

Full Stack Developer, full-time

[Towner](#)

Bengaluru, India

07/2024 - Present

- Led architecture and development of cloud-native applications using Next.js, Node.js, TypeScript, MongoDB, and AWS.
- Designed scalable microservices and REST APIs supporting multiple business workflows and enterprise integrations.
- Implemented event-driven communication, centralized logging, and monitoring pipelines to improve system reliability and operational visibility. Collaborated with product and business stakeholders to translate requirements. Established CI/CD pipelines, code review

Full Stack Developer, Full-Time

[ZynoflixOTT](#)

Chennai, India

12/2023 - 05/2024

- Built an end-to-end OTT platform supporting **50k+ concurrent users** with a focus on low-latency video delivery and mobile-first design.
- Architected video pipelines with **multi-bitrate encoding** and CDN caching, resulting in a **25% reduction in buffering** for global audiences.
- Engineered a custom analytics engine to track user engagement metrics, enabling data-driven content strategies that increased retention

Full Stack Developer, Full-Time

[Magicvisor](#)

remote

06/2021 - 08/2023

- Engineered AI-driven automation workflows and customer engagement platforms, leveraging scalable cloud systems to enhance user interaction.
- Designed and orchestrated complex backend workflows, streamlining operations and significantly improving system reliability.
- Optimized cloud infrastructure to support high-volume transactions and robust platform scalability.

Full Stack Developer, Intern

[SpaceNos](#)

Belmont MA, United States

06/2023 - 07/2023

- Designed and deployed a high-conversion landing page for a SaaS product, achieving a **25% increase in visitor-to-lead conversion** within the first month.

Front End Developer, Intern

[Domainhostly](#)

Tamil Nadu, India

07/2022 - 08/2022

- Optimized front-end assets and caching policies, reducing page load latency by **20%** and facilitating a **15% growth** in organic user

Full Stack Developer

[Kedil Money](#)

Remote

09/2023 - 11/2023

- Led development of a cloud-native personal finance platform enabling category-based expense tracking and financial analytics.
- Designed scalable APIs and data models for transaction management, spending categorization, and real-time dashboards.
- Built intuitive financial insights and reporting modules that transformed transaction data into actionable spending intelligence.

Projects

pgStudio — Native macOS PostgreSQL Client

Technologies: *Tauri, Rust, Next.js, PostgreSQL, AI, Cloudflare Workers*

- Built a native macOS PostgreSQL client with a visual query editor, schema designer, and real-time introspection. Developed an AI

RxLink — Pharmacy Management System

Technologies: *Flutter, Node.js, PostgreSQL, REST APIs*

- Developed a full-stack pharmacy platform for prescription tracking, inventory management, and billing automation.
- Built a cross-platform Flutter mobile app integrated with Node.js REST APIs and PostgreSQL backend.

[See full project list and details here](#)

Education

Bachelor of Engineering (Electronics and Communication Engineering)

[Annamalai University](#)

Tamil Nadu, India

2020 – 2024