

Rishi Lahoti

Software Engineer – Full Stack (Frontend & Backend Systems)

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Experience

Software Developer

Nov 2025 - Feb 2026

On-Site

- Postship / Instavid (Early Stage)*
- Built and scaled Go microservices with REST and gRPC APIs, PostgreSQL (GORM), and service-layer abstractions supporting concurrent order and media workflows.
 - Developed an end-to-end AI video generation pipeline that converts product images into marketing videos, handling media ingestion, processing, and delivery via CDN-backed pipelines using AWS S3, Supabase, and CloudFront.
 - Designed cloud media infrastructure using AWS (S3, CloudFront), Cloudflare CDN, and Cloudinary, enabling secure uploads, batch cache purging, and low-latency global delivery.

Front-End Developer

Feb 2025 - Aug 2025

Nature Crave (Individual Contributor)

Remote

- Delivered a high-performance Next.js e-commerce site with Tailwind CSS, consistently achieving 95+ Lighthouse scores.
- Built motion-driven, interactive product experiences using Framer Motion, improving engagement and brand perception.
- Integrated transactional email pipelines (Resend) to support customer communication and retention flows.

Front-End Developer

Oct 2024 - Feb 2025

Darak Agrived Ventures PVT. LTD. (Individual Contributor)

Remote

- Created a reusable Tailwind-based component system, accelerating feature delivery and ensuring cross-device consistency.
- Implemented data-dense UI components for agricultural product visualization using Shadcn/UI.

Projects

LH44 - INN | Java, Spring Boot, Postgres, Next.js, Docker, Oracle Cloud | [GitHub] Jan 2026 - Feb 2026

- Developed and deployed a full-stack Airbnb style application, implementing end-to-end modules for authentication, hotel search, room inventory, booking lifecycle, and guest management.
- Secure backend architecture with JWT authentication, role-based access control, CORS configuration, RESTful APIs, validation, and transactional booking/inventory flows, improving reliability and consistency for concurrent bookings.
- Containerized and hosted backend on Oracle Cloud VM with Docker, API observability via Swagger, and CI-style build/run workflows, while delivering a responsive frontend integrated with protected and public API routes.

Adaptive Math Learning Platform | Nextjs, TS, GSAP, Framer-Motion | [Github Link] Jul 2025 - Aug 2025

- Designed a constraint-aware math question generator ensuring valid operations and dynamically generated answer options to improve accuracy and replayability.
- Real-time difficulty engine using pure TS to analyze player performance continuously and adjust content dynamically.

SaaS Launchpad Template | Next.js, Prisma, Lucia | [Github Link] Aug 2024 - Sep 2024

- Built a boilerplate designed to accelerate SaaS product development cycles by providing pre-configured best practices.
- Implemented a scalable backend architecture using Next.js, Prisma ORM, and PostgreSQL deployed on Vercel.

Open Source Contribution

Clipboard History | React, Typescript, Plasmo | [Github Link] Mar 2025 - May 2025

- Improved UX by adding overflow handling, truncation, and hover previews, ensuring stable layouts with large datasets.

Education

PES University

Bengaluru, India

Bachelor of Technology - Electrical and Electronics

Nov 2021 - Aug 2025

Technical Skills

Languages: Go, Java, TypeScript, JavaScript (ES6+), Python, SQL, HTML5, CSS3/SCSS.

Frameworks and Libraries: Spring Boot, React.js, Next.js, Vite, Tailwind, Framer Motion, GSAP, Spring Security, Hibernate/JPA, Prisma, Redux, GORM, ConnectRPC/gRPC, OGL.

Tools and Platforms: Git/GitHub, Docker, Oracle Cloud VM, AWS (S3, CloudFront, SES), GCP (Cloud Tasks, Storage, Logging), Vercel, Cloudflare, Cloudinary, PostgreSQL.