

Lokesh Singh

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SUMMARY

Full Stack Engineer with over 3 years of experience delivering end-to-end features across frontend and backend.

EDUCATION

BITS Pilani

B.Sc. Computer Science and Design

Pilani, India

Sep 2021 – Sep 2025

EXPERIENCE

Full Stack Engineer

HCL Technologies

Sep 2021 – Present

Hybrid

- Improved client applications' SEO performance by 25% and organic traffic by 18% through Next.js server-side rendering and Core Web Vitals optimizations.
- Delivered features across frontend and backend services, collaborating with cross-functional teams to meet diverse client requirements in Agile sprints
- Developed RESTful APIs using Node.js (Express.js) with PostgreSQL and Prisma ORM.

Frontend Engineer Intern

Huellas Labs

Mar 2020 – May 2021

Remote

- Added data caching with TanStack Query to improve response times for repeated requests.
- Integrated Discord OAuth via NextAuth to access users' Discord servers.
- Implemented scroll-based infinite data loading to handle and render large datasets.
- Refactored code by creating reusable components, breaking down large function components into smaller, purpose-specific components.

PROJECTS

Hello Pet Dreams | *Next.js, Typescript, AWS S3, Firebase, Serverless Functions, Clerk, PostgreSQL, Prisma ORM*

- #5 Product of the Day on Product Hunt — built and launched a full-stack AI platform that transforms pet photos into digital portraits using Next.js, Tailwind CSS, and serverless functions, gaining strong early user traction.

1BeatClub | *Next.js, Typescript, Node.js, WebSockets, Google APIs, NextAuth, PostgreSQL, Prisma ORM, Shadcn UI*

- 1BeatClub is a collaborative music platform. You can create a music room, invite friends, add song links, and vote for the songs you love. The core of this application is Real-time communication using WebSockets to provide instant feedback.

Contri Creator | *Next.js, Typescript, AWS S3, Gemini APIs, ChatGPT APIs, Youtube APIs, PostgreSQL, Prisma ORM*

- Developed a web-based AI platform for content creators with tools like comment analysis and thumbnail generation, featuring GPT and Gemini model selection for personalized results.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, GoLang

Frontend: React.js, Next.js, TailwindCSS, Shadcn UI, Framer Motion, React Native

Backend: Node.js, Express.js, Gin

Database and ORM: PostgreSQL, Mongo DB, Prisma ORM

Tools: Git, Github, AWS, Firebase

Core Concepts: Data structures and Algorithm, OOP (Object-Oriented Programming)