

# Lokesh Singh

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## SUMMARY

Full Stack Engineer with over 4 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.
- Added data caching with TanStack Query to improve response times for repeated requests.
- 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.

## PROJECTS

### 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.

### 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.

### Urlbit | *Golang, Gin, PostgreSQL, Clerk Auth, CORS, Rate Limiting*

- Built a production-ready URL shortening backend with secure redirect handling, custom shortcode support, and PostgreSQL persistence.
- Implemented authentication using Clerk, rate limiting middleware, and CORS configuration to ensure secure API access.

## CERTIFICATES / ACHIEVEMENTS

- **FullStack Certificate(100xDevs):** Earned a FullStack certificate from 100xDevs. Build the projects implementing production-grade code quality and architecting the System.
- **Golang Certificate(Udemy):** Learned Golang from scratch and built a Rest API server as final project.
- **5th Place on Product Hunt:** Built a Product end-to-end and launched it on Product Hunt, and achieved 5th position on Top Products of the day.
- **500+ DSA Questions Solved:** Completed challenges on platforms like **LeetCode, HackerRank**.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, GoLang

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

**Backend:** Node.js, Express.js, Go-Lang, Gin

**Database and ORM:** PostgreSQL, Mongo DB, Prisma ORM

**Tools:** Git, Github, AWS, Firebase

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