Kushal Srivastava

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LinkedIn | GitHub | Portfolio

Summary

Final year CSE student passionate about full-stack web development and AI. Skilled in React, Next.js, and building scalable, production-grade applications with modern tools and cloud deployment workflows.

Education

B.Tech in Computer Science & Engineering, Galgotias University	2022 – 2026 | **CGPA: 8.39**
Senior Secondary – SDA School, Lucknow	**2022 | 85%**
Secondary (10th) – SDA School, Lucknow	**2020 | 91%**

Skills

Languages: C++, Java

Frontend: HTML, CSS, JavaScript, React.js, Next.js (App Router, Server Components, Tailwind CSS)

Backend: Node.js, Next.js (API Routes, SSR, SSG, Server Actions)

Database: MongoDB, SQL, Neon (PostgreSQL)

Tools: Git, GitHub, Vercel, Clerk, Stripe, Supabase

Projects

Converso – AI Self-Teaching App [Live Demo]   **April – May 2025**

- **Problem Solved:** Traditional e-learning platforms rely heavily on static content, making self-study monotonous and less engaging. Converso provides an AI-driven, interactive voice-based learning experience, allowing learners to have real-time, natural conversations with an AI tutor.
- Full-stack AI learning platform built with Next.js 15 (App Router).
- Real-time voice interaction via Vapi API + OpenAI for a more human-like teaching experience.
- Data management with Supabase (PostgreSQL) for secure and structured session storage.
- Auth handled with Clerk, payments via Stripe, and deployment on Vercel with monitoring via Sentry.

HealthOn – Smart Appointment Platform [GitHub]   **June – July 2025**

- **Problem Solved:** In healthcare, manual booking processes lead to missed appointments, double bookings, and long waiting times. HealthOn streamlines the appointment system, offering role-based access for patients, doctors, and admins with real-time availability tracking.
- Built with Next.js 15 and dynamic routing for smooth navigation.
- Multi-role authentication implemented with Clerk for secure user management.
- Data handled with Prisma + PostgreSQL for consistent and reliable storage.
- Responsive UI using Tailwind CSS for accessibility across devices.
- Planned features: reminders, calendar sync, and analytics dashboard to help clinics monitor performance.

Achievements

- Solved 160+ high standard problems on Leetcode
- Graph Theory Bootcamp – AlgoUniversity (17+ Hard Problems)
- Oracle Academy: Programming with SQL
- Google Developers: AI/ML Certificate