

Anshit Gupta

✉ anshitgupta777@gmail.com 🌐 anshitgupta.in 📄 github.com/Anshit-Gupta

Career Objective

I build full-stack applications with a strong focus on backend systems, security, and scalability. I enjoy working on real problems, from designing APIs to handling edge cases in production. Currently looking for opportunities where I can contribute meaningfully and grow as a software engineer.

Projects

URLite | *Next.js, React, NextAuth, Prisma, PostgreSQL, Tailwind CSS* | GitHub

Live

- Built a full-stack URL shortener with authenticated link creation, protected analytics access, and user-specific data isolation.
- Implemented secure authentication using NextAuth with Google OAuth and credentials login, including bcrypt-based password hashing.
- Added robust server-side input validation with Zod for URL creation and signup flows to reduce invalid API payloads.
- Designed redirect handling with click-event persistence in VisitHistory, enabling per-link and aggregate analytics tracking.
- Modeled relational data using Prisma (User, Url, Session, Account, VerificationToken) and deployed on Vercel with analytics enabled.

Dev.log | *React, Node.js, Express, MongoDB, Mongoose, Upstash Redis* | GitHub

Live

- Built a MERN application supporting full CRUD operations with reliable data persistence.
- Designed modular REST APIs with structured routing and middleware separation.
- Implemented Redis-based rate limiting using a sliding window strategy.
- Improved UX with React Router navigation and toast-based feedback notifications.
- Configured unified production deployment with frontend and backend under one domain.

GDG NMIT Official Website | *Next.js, TypeScript, GSAP, Tailwind CSS, MongoDB, Axios*

Live

- Developed a dynamic events module with MongoDB API integration and resilient fallback handling.
- Engineered GSAP physics-based animations with Intersection Observer for optimized scroll-triggered effects.
- Built responsive mobile-first layouts using Tailwind CSS with precise absolute positioning.
- Optimized performance using React hooks and GSAP context cleanup for React 18 compatibility.

Technical Skills

Languages: JavaScript, C++, C, SQL
Frontend: React, Next.js, Tailwind CSS, HTML, CSS
Backend: Node.js, Express.js, Next-auth
Database: MongoDB, Mongoose, PostgreSQL
Tools: Git, GitHub, Postman, VS Code

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This is a public version of my resume. Certain personal details such as education and contact information have been intentionally omitted.

For complete information, feel free to reach out directly.