

Aman Singh

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

ABOUT ME

I am a full-stack developer who is more of a backend developer and familiar with both Node.js and Python. I develop scalable APIs, databases and cloud architecture which runs an efficient, fast web application. I like to create the systems which answer actual business issues- clean inside, smooth outside and transform complicated concepts into effective, overall digital results.

EDUCATION

Vidyalankar Institute Of Technology

B.Tech in Information Technology (GPA: 9.53/10)

Mumbai, India

2023 – Present

R.K. Talreja

Grade XII (First Class)

Kalyan, Mumbai, India

2021 – 2023

PROJECTS

Silent Parcel | *NextJS, Shadcn, Tailwind CSS, AppWrite, GitHub Actions, Pipelines* |

Live Link | **Repo**

- Engineered **end-to-end encrypted file storage** using **Appwrite**, ensuring secure data hosting and preventing server-side access to sensitive content.
- Designed a **collaborative file management workflow** with client-side decryption and editing (add/remove/update within zip archives), maintaining seamless updates and encryption before upload.
- Implemented **scalable**, secure **live-coding** and **ephemeral chat rooms** with full end-to-end encryption.

Graphex | *TypeScript, tRPC, Prisma, Resend, Github OAuth, Shadcn, DodoPayments, Push Notifications* |

Live Link

- Integrates with GitHub via secure OAuth, enabling seamless connection of your account using GraphQL API without sharing credentials
- Implemented an automated notification system with email (Resend API) and browser push notifications (Web Push API/VAPID) with timezone-aware delivery management.
- Architected a scalable backend with tRPC API routes, server-side rendering, scheduled cron jobs for daily reminders, and a subscription-based billing system with free trial management, deployed to production

PeakMark | *React Query, Turbo Repo, TypeScript* | **Live Link** | **Repo**

- Built a web application for creating and exporting SVG badges for GitHub READMEs using Next.js 16, tRPC, and TypeScript. Features include a real-time preview.
- Created a high-performance monorepo with Turborepo, incorporating an isolated API layer using tRPC for type-safe build and shared packages.
- Implemented query-based badge generation for shareable URLs and one-click exports, allowing segment-level customization.

EXPERIENCE

Full Stack Developer Intern

Eas Legal Services

September 2025 – December 2025

Mumbai, Maharashtra, India (Remote)

- Designed a robust RESTful API with Express and Prisma ORM, handling complex data relationships for user authentication, document management, and organization workflows.
- Developed production-grade code and a user-friendly interface to enhance user experience.
- Implemented a robust Advanced Role-Based Access Control (RBAC) multi-role authentication system utilizing JWT for secure, scalable user access management.
- Deployed the application on AWS using nginx, EC2 instances, and S3 buckets for optimized performance and scalability.

OSS Lead

Google Developer Groups

September 2025 – Present

Mumbai, Maharashtra, India (Hybrid)

- Led and managed open source software projects within the Google Developers Group community, driving collaboration and innovation across diverse contributors to achieve project goals and deliver quality code .
- Facilitated technical discussions, mentorship, and community engagement, fostering knowledge sharing and effective communication among developers, enhancing team productivity and open source contributions.
- Coordinated diverse teams to plan and deliver technical workshops, ensuring seamless collaboration and successful event execution. Managed resources, schedules, and communication to enhance participant learning and engagement..

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS

Frameworks/Libraries: Python, React, Next.js, Tailwind CSS, Hono, Express.js, React Query

OS: Windows, Linux

Serverless Platforms: AWS, GCP, Firebase, Appwrite

Databases: MongoDB, Prisma

Developer Tools: Git, Figma, VS Code, Postman