Aman Singh

+91-9619813568 | work.singhaman@gmail.com | Mumbai, India

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

ABOUT ME

I'm a full-stack developer who loves to design scalable and secure systems. My specific strength is in backend development with Node.js and Python where I design and maintain APIs, databases, and cloud infrastructures to ensure applications are reliable and performant. However, I'm comfortable handling frontend technologies as well, which makes me capable of bridging the gap between backend systems and end-user interfaces. What drives me is creating end-to-end systems that just intuitively feel smooth to users; lean in the back and silky up front. My goal is simple: to create systems that not only work at scale but also deliver meaningful digital experiences.

EDUCATION

Vidyalankar Institute Of Technology   Mumbai, India
B.Tech in Information Technology (GPA: 9.53/10)   *2023 – Present*

R.K. Talreja   Kalyan, Mumbai, India
Grade XII (First Class)   *2021 – 2023*

PROJECTS

Silent Parcel (Secure Encrypted Sharing) | *Next.js, TypeScript, Shadcn, Tailwind CSS, AppWrite, GitHub Actions* | **Live Link** | **Repo**
- Engineered end-to-end encrypted file storage architecture utilizing Appwrite for secure data hosting, enabling clients to maintain file privacy and prevent server-side access to sensitive content.
- Designed a collaborative file management workflow with client-side decryption and editing capabilities (add/remove/update files within zip archives), ensuring seamless updates and encryption before uploading revised archives
- Implemented scalable, safe dynamic live-coding and ephemeral chat rooms with end-to-end encryption.

ResumeMe (AI Resume Analysis) | *React, Axios, Gemini, Python, JavaScript* | **Live Link** | **Repo**
- Built a full-stack application *ResumeMe* empowering users to create, manage, and optimize resumes, featuring a React TypeScript frontend and a *Python* backend with advanced AI integration for personalized career tools.
- Engineered AI-powered features including resume content optimization, skills gap analysis, job description matching, and tailored suggestions by leveraging *Gemini* within a robust backend architecture.
- Collaborated on open-source best practices such as structured project organization, frontend/backend code quality (ESLint, path aliases), and smooth deployment processes for scalable, user-friendly resume management solutions

Template-boss (Template Provider) | *JavaScript, Templates* | **Repo**
- Developed a social music platform enabling real-time collaborative listening within shared spaces.
- Automated template selection and project initialization processes, significantly streamlining developer onboarding and enhancing workflow efficiency using *JavaScript*.
- Contributed to an open-source ecosystem, following structured collaboration practices including issue tracking, branching, pull requests, and community engagement to support continuous improvement and user feedback.

EXPERIENCE

Tech Lead   August 2024 – May 2025
ITSA VIT   *Mumbai, Maharashtra, India (Hybrid)*
- Directed a high-performing team of 5 to execute impactful and well-attended technical events.
- Innovatively combined technology with interactive activities to maximize engagement and excitement.
- Spearheaded all aspects of event planning and technical operations, ensuring seamless and memorable experiences.

Tech Core   October 2024 – August 2025
Google Developer Groups   *Mumbai, Maharashtra, India (Hybrid)*
- Collaborated with passionate peers in Google Developer Groups to identify and pursue my true technical interests.
- Engaged in cross-domain knowledge exchange and hands-on projects to deepen expertise and foster innovation.
- Facilitated effective communication across remote teams to align goals and deliver milestones on schedule.

Technical Skills

Languages: JavaScript, TypeScript, HTML, CSS
Frameworks/Libraries: Python, React, Next.js, Tailwind CSS, Hono, Express.js
OS: Windows, Linux
Serverless Platforms: GCP, Firebase, Appwrite
Databases: MongoDB, Prisma
Developer Tools: Git, Figma, VS Code, Postman