

# Aman Singh

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

## ABOUT ME

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I'm a backend developer skilled in building scalable and secure systems using Node.js and Python. I work extensively with APIs, databases, and cloud platforms to create reliable backend infrastructure. While backend is my core focus, I am also familiar with front-end tech and understand full-stack workflows. I aim to build seamless, efficient systems that support smooth end-to-end user experiences.

## EDUCATION

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### 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

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### 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
- Currently working on **V2**, enhancing functionality with advanced features for better scalability using

### 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

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### Tech Lead

ITSA VIT

August 2024 – May 2025

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

Google Developer Groups

October 2024 – August 2025

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

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**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