Aman Kumar Singh
LinkedIN, Github, Email

EDUCATION

Chandigarh University   Mohali, India
Bachleor's in Computer Science; GPA: 7.15   **August 2021 - August 2025**
Tender Heart Senior Secondary School   Ranchi, India
XII; Percentage: 87.2   **June 2019 - June 2020**

SKILLS SUMMARY

- **Languages**:   Javascript, JAVA, C, C++, SQL
- **Frontend**:   Nextjs, React, Tailwind CSS, Javascript
- **Backend**:   Node.js, Express
- **Database**:   MongoDB, Firebase, PostgreSQL
- **Miscelleneous**:   Prisma ORM, Sanity CMS, GSAP, Vite, Tanstack Query, WebRTC, Web Sockets, AWS, Google Cloud
- **Soft Skills:**   People Management, Customer-first approach, Attention to detail, Problem solving skills, critical thinking

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WORK EXPERIENCE

SOFTWARE DEVELOPER INTERN
Wavemetrik Technologies Pvt Ltd   **November 2024 - March 2025**

- Developed **UI for the company dashboard**, ensuring a **responsive and user-friendly design**.
- Worked on **backend development**, implementing **real-time data updates** using **Socket.io**.
- Gained experience with **MongoDB**, handling **database operations, queries, and optimizations**.
- Learned about **WiFi standards**, network protocols, and how they impact **wireless communication**.
- Worked with **Linux environments**, performing **server management, scripting, and debugging**.
- Collaborated with **cross-functional teams** to enhance dashboard functionality and data flow.

PROJECTS

SUPAWATCH (Movie Streaming & Social Platform)

- Developed a **movie streaming platform** with **user profiles, playlists, and social features**.
- Integrated **TMDB API** to fetch and display **movies and TV series**.
- Implemented **real-time global chat** for discussions and sharing movie recommendations.
- Added **follow system** to provide **personalized movie recommendations** based on friends' activity.
- Developed **live streaming and watch parties** with **WebRTC-based screen sharing and synchronized playback**.
- Built a **user review system** with **threaded comments, likes/dislikes, sorting, and moderation tools**.
- Gamified the platform with **achievements, leaderboards, and badges** for user engagement.
- Created a **blog section with admin-reviewed user-submitted articles**.

MEETSUP (Anonymous Chat & Video Calling Platform)

- Developed an **anonymous chat and video calling platform** with **privacy-focused features**.
- Integrated **real-time messaging** with **typing indicators, read receipts, and presence tracking**.
- Built **peer-to-peer video calling** with **low-latency WebRTC technology**.
- Enabled **lightweight authentication**, allowing users to save chats with just a username and password.
- Designed **group chat and community features**, enabling users to create and join discussions.

SOLACE (Focus & Productivity Platform)

- Designed a **focus and productivity platform** featuring **five ambient scenes** with **background audio** for an immersive study experience.
- Developed a **gallery page** where users can **upload pictures, quotes, and motivational content**.
- Implemented a **progress tracker** where users can **set goals, track deadlines, and get countdown timers**.
- Added a **blog section** where users can **share productivity tips, study techniques, and personal experiences**.
- Integrated an **AI-powered question generator** that provides **new questions** for exam preparation across various subjects