

# Mayank Kumar

University Student

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New Delhi, India

Computer Science Engineering student specializing in Data Science at Maharaja Agrasen Institute of Technology (MAIT), with strong interest in Artificial Intelligence, startups, and emerging technologies. Passionate about building practical solutions using programming, web development, and data-driven approaches. Actively involved in entrepreneurship initiatives and technology communities, with a mindset focused on innovation and continuous learning.

## CORE SKILLS & ATTRIBUTES

Operations Management

Process Optimisation

Leadership and Team Development

Strategic Planning and Execution

Programming & Fundamentals

Impactful Communicator

Cross-Functional Collaboration

Change Management

Highly Collaborative

## PROJECTS

### IPUNotes.app — Academic Resource Platform

Built a centralized academic resource platform for IPU students with semester-wise categorization and structured navigation. Developed responsive frontend and backend APIs to manage and retrieve study materials efficiently.

- Developed a centralized platform for IPU students to access subject-wise notes, previous year papers, and academic resources.
- Designed structured categorization based on branch, semester, and subject.
- Implemented user-friendly UI for seamless navigation and quick content access.
- Built backend APIs to manage uploads, file handling, and content retrieval.
- Focused on solving the problem of scattered academic materials across unofficial channels.

### UniVerse — Student Interaction Platform

Student social platform enabling interest-based connections. Built responsive UI and backend APIs for authentication and user management with focus on scalability and privacy.

- Built structured user flows for onboarding, profile creation, and interest-based interaction.
- Focused on privacy-first design and scalable backend architecture.
- Implemented modular frontend components to ensure clean UI and maintainable code.
- Applied product-thinking principles to address engagement and user-retention challenges.

### Strangerface — Anonymous social app

Strangerface is a privacy-focused social interaction platform designed to enable anonymous, interest-based conversations between users. The application allows individuals to connect without sharing personal identity, creating a space for open and honest communication. It features structured onboarding, intelligent matching logic, and secure session handling to ensure smooth real-time interactions. The platform emphasizes user safety through moderation mechanisms and scalable backend architecture, combining clean UI design with product-oriented thinking to deliver an engaging and responsible digital experience.

## TECHNICAL SKILLS

Languages: C++, JavaScript (ES6+), Java, TypeScript, Python, HTML5, CSS3, SQL

Frontend: React.js, Next.js, Redux, Tailwind CSS, Bootstrap, HTML Canvas

Backend & Database: Node.js, Express.js, MongoDB, PostgreSQL, Prisma, Drizzle ORM, Xata

Tools & Platforms: Git, GitHub, Turborepo, BunnyCDN, Vercel, Postman

## EDUCATION

B.Tech. in Computer Science Engineering (Data Science)

Sep 2024 - Present

Maharaja Agrasen Institute of Technology (MAIT)

Senior Secondary Education

Fair Child Public School

## MY HOBBIES

### Reading

- I actively enjoy reading books related to startups, innovation, and personal development. Recently, I read *Zero to One* by Peter Thiel and *Atomic Habits* by James Clear. These books shaped my understanding of building unique ideas, long-term thinking, and the power of consistent improvement.

### Watching Web Series & Movies

- I enjoy watching intellectually engaging web series and movies. Recently, I watched *Suits*, which I found particularly interesting for its portrayal of strategy, confidence, and decision-making under pressure.

### Pool (Billiards)

- I regularly play pool after college as a recreational and focus-building activity. The game enhances my precision, patience, and strategic thinking while also serving as a stress reliever.

## COLLEGE SOCIETIES/CLUBS

Startup Sphere

Oct 2024 - Present

Venture Lab Head

Byte Coding Club

Nov 2024 - June 2025

Member

## VOLUNTEER POSITIONS

One Earth International Hackathon

Anchor, 2025

AI International Summit

Student Crew Member, Feb 2026

## REFERENCES

Vinay Kumar Saini, H.O.D. (CSE-DS), MAIT

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