

Aayush Gupta

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Education

Shiv Nadar University

Bachelor of Technology (B.Tech) in Computer Science – GPA: 9.23
Dean's List: Monsoon 2023, Spring 2024

Noida

Aug. 2023 – May. 2027

Resonance Junior College

Class XII (PCM) – Grade: 92.4%

Marredipally, Hyderabad

Delhi Public School

Class X – Grade: 91%

Nacharam, Hyderabad

Projects

VidTube-AI | [Next.js](#), [React.js](#), [TypeScript](#), [Tailwind CSS](#), [Node.js](#), [Prisma](#), [NeonDB](#), [Cloudinary](#), [Clerk](#) | [GitHub](#)

- Developed an AI-powered SaaS platform enabling users to upload, manage, and transform media content using Cloudinary's AI APIs
- Implemented automated media processing features including video compression for faster downloads, intelligent video previews on hover, and aspect-ratio adjustments for images
- Incorporated authentication and role-based access control with Clerk to manage feature accessibility
- Optimized database design and queries using Prisma with NeonDB (PostgreSQL) for efficient storage and retrieval

BookNow | [HTML](#), [CSS](#), [JavaScript](#), [Bootstrap](#), [EJS](#), [Node.js](#), [Express.js](#), [MongoDB](#), [Cloudinary](#), [Mapbox](#) | [GitHub](#)

- Built a full-stack property booking platform using the MVC architecture with browsing, filtering, and search features
- Implemented secure authentication and authorization using Passport.js with request validation via Joi
- Designed normalized MongoDB schemas for users, listings, and reviews with full CRUD functionality
- Integrated Cloudinary for image storage, Mapbox for interactive maps, and deployed the app on Render

Questflow | [Next.js](#), [React.js](#), [TypeScript](#), [Tailwind CSS](#), [shadcn/ui](#), [Zustand](#), [Appwrite](#) | [GitHub](#)

- Built a full-stack Q&A platform inspired by Stack Overflow, enabling users to post, edit, answer, upvote, and downvote questions
- Designed custom dashboards for users to monitor profile activity including posts, votes, and reputation metrics
- Engineered a reputation and leaderboard system to rank users based on engagement and contributions
- Integrated Appwrite backend services for authentication, database operations, and secure data handling

Skills

Languages: Java, Python, JavaScript, TypeScript, C

Frontend Development: React.js, Next.js, HTML, CSS, Tailwind CSS, Bootstrap

Backend & APIs: Node.js, Express.js, REST APIs

Databases & Deployment: MySQL, MongoDB, Vercel, Render

Developer Tools: Postman, Git, GitHub, VS Code, IntelliJ IDEA

CS Fundamentals: DSA, OOP, OS, DBMS, CN

AI/ML Foundations: Supervised Learning (Linear & Logistic Regression, Perceptron, SVM, MLP), Unsupervised Learning (K-Means, PCA), Linear Algebra & Optimization

Certifications

Certifications: Google AI Essentials, The Complete Python Bootcamp

Experience & Leadership

Public Relations Lead, ACM Shiv Nadar Chapter

Led PR campaigns and outreach for technical workshops, increasing participation by 20%

May 2025 – Present

Marketing Associate, ACM Shiv Nadar Chapter

Planned and promoted events through social media and on-campus engagement

Oct 2024 – May 2025

Fundraising Intern, Pawzz Foundation

Raised over INR 5,000 through digital outreach and fundraising drives for animal welfare

Mar 2024 – Apr 2024

Sales & Marketing Intern, Skillarena.in

Onboarded users and promoted EdTech services via direct outreach

Feb 2024 – Mar 2024