Aayush Gupta

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Education

Shiv Nadar University — Noida
*Bachelor of Technology (B.Tech) in Computer Science – **GPA: 9.17*** — *Aug. 2023 – May. 2027*
Dean's List: Monsoon 2023, Spring 2024

Resonance Junior College — Hyderabad
*Class XII (PCM) — Grade: **92.4%***

Delhi Public School — Nacharam, Hyderabad
*Class X — Grade: **91%***

Projects

VidTube-AI | *Next.js, React.js, TypeScript, Node.js, Cloudinary, Prisma, NeonDB, Clerk, Tailwind CSS* | [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
- Integrated 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

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

FiTrack | *HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, Node.js, Express.js, MySQL* | [GitHub](#)
- Engineered a full-stack web platform for gym and sports facility management, enabling booking of plans and courts
- Structured a normalized MySQL schema using phone numbers as primary keys to manage user and booking records
- Implemented backend APIs to insert, fetch, and delete records for users, staff, bookings, and equipment
- Created admin dashboards for handling schedules, memberships, and resources via CRUD operations

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: MySQL, MongoDB, Appwrite
Developer Tools: Postman, Git, GitHub, VS Code, IntelliJ IDEA, NetBeans
CS Fundamentals: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems, Computer Organization & Architecture
AI/ML Foundations (Theoretical): Supervised Learning (Linear/Polynomial Regression, Logistic Regression, Perceptron, LDA, Kernels), Unsupervised Learning (K-Means, PCA), Classical AI (Simulated Annealing, Bayesian Networks, MCMC), Linear Algebra & Optimization (Power Iteration)

Certifications & Awards

Certifications: Google AI Essentials, The Complete Python Bootcamp

Experience & Leadership

Public Relations Lead, ACM Shiv Nadar Chapter — *May 2025 – Present*
Led PR campaigns and outreach for technical workshops, increasing participation by 20%

Marketing Associate, ACM Shiv Nadar Chapter — *Oct 2024 – May 2025*
Planned and promoted events through social media and on-campus engagement

Fundraising Intern, Pawzz Foundation — *Mar 2024 – Apr 2024*
Raised over INR 5,000 through digital outreach and fundraising drives for animal welfare

Sales & Marketing Intern, Skillarena.in — *Feb 2024 – Mar 2024*
Onboarded users and promoted EdTech services via direct outreach