ANUGYA JAIN

✉ anugya.jain27@gmail.com 📞 +91 8630808596 🌐 linkedin.com/in/anugyajain27 🌐 *Portfolio: my-portfolio*

Driven Computer Science Engineering student specializing in Artificial Intelligence, Machine Learning, and Full-Stack Web Development. With a strong foundation in algorithms, data-driven development, and system design, I focus on creating scalable software solutions that leverage cutting-edge technologies to solve real-world problems.

Education

- **Manipal University Jaipur** — *Aug 2023 - Present*
  B.Tech in Computer Science Engineering (AI & ML)
  CGPA: 9.19
- **Diamond Public School, Moradabad** — *Apr 2021 - Mar 2023*
  Senior secondary - CBSE
  Percentage: 80.6%

Skills

Programming & Databases: Python, C, C++, SQL, MySQL, Oracle APEX
AI / Machine Learning: Supervised & Unsupervised Learning, Deep Learning (YOLOv4), Recommendation Systems, OpenCV
Web Development: HTML, CSS, JavaScript, React.js, Flask, REST APIs
Tools: NumPy, Pandas, Git, GitHub, Postman, Three.js, pyttsx3

Projects

CINEVERSE - MOVIE RECOMMENDATION WEB APP — *May 2025 - Jun 2025*
- Built a full-stack web app for genre-based movie recommendations with a cinematic splash screen, genre-filtered movie listings, and interactive modals displaying IMDb ratings and duration.
- Tech Stack: HTML, CSS, JavaScript, Flask, AJAX

REAL-TIME OBJECT DETECTION WITH AUDIO FEEDBACK — *Jan 2025 - Feb 2025*
- Developed a YOLOv4-based real-time object detection system with audio feedback using text-to-speech for visually impaired users.
- Tech Stack: Python, OpenCV, NumPy, pyttsx3, YOLOv4

AI-POWERED MISINFORMATION & DEEPFAKE DETECTION PLATFORM — *Aug 2025*
- Designed a multilingual system for detecting manipulated text, audio, and video with heatmap visualization, cross-modal checks, and LLM-based authenticity summaries.
- Tech Stack: Python, OpenCV, Hugging Face, LLMs, Flask, React.js, NLP, Computer Vision

BookMySeat – Online Movie Ticket Booking System — *Aug 2025 - Oct 2025*
- Developed a full-stack movie ticket booking system featuring real-time seat selection, 5-minute seat reservation timeout, secure Razorpay payment integration, automated email confirmations, and an admin analytics dashboard for tracking users, bookings, and top-performing movies/theaters.
- Tech Stack: Django, Python, HTML, CSS, JavaScript, Razorpay API, SQLite, Bootstrap, PythonAnywhere (Deployment)

Experience

Web Development Intern, NullClass Pvt. Ltd. (Remote) — *Aug 2025 - Oct 2025*
- Implemented API-driven communication between the backend and a responsive frontend to support browsing, booking, and payment flow simulations.

HackScky 25 Hackathon, MIT Bangalore — *Aug 2025*
- Secured a top 15 position among 500+ teams at the HackScky hackathon by developing an innovative AI platform to combat misinformation and deepfakes.
- Added heatmap visualization to the video analysis pipeline, enabling rapid identification of deepfake indicators and reducing manual review time by 5 hours per video, as a solo engineer.

Junior Head – Graphic Design, Cyber Space Club, MUJ — *Aug 2024 - May 2025*
- Managed a 5-member design team delivering visuals for 10+ events, improving social media engagement and student participation.

Publications

Jan 2025 - Aug 2025

Accessibility Assistant for Visually Impaired
Patent Filed – Collaborative Research Project: Conducted research on AI-powered mobile solutions for visually impaired users, focusing on OCR, object detection, AR navigation, and text-to-speech. Designed a modular architecture integrating YOLOv4, ARKit, ARCore, and voice commands.

Achievements

- Dean's List - Achieved a 9.32 GPA in the 3rd semester (2024), 9.48 GPA in the 4th semester (2025) and 9.71 GPA in the 5th semester (2025).
- Secured a place among the Top 15 teams out of 500+ in Hackscky 25 Hackathon, recognized with a certificate for outstanding participation.