ADITYA AGARWAL

Email: adityaagarwal0081@gmail.com | Phone: +91 89607 56644
LinkedIn | GitHub | Portfolio

EDUCATION

Bachelor of Technology in Computer Science and Engineering **Sept 2022 – May 2026**
Manipal Institute of Technology (MIT), Manipal, India

Senior Secondary (CBSE) – 89% **2022**
Delhi Public School, Kalyanpur Kanpur

TECHNICAL SKILLS

Programming Languages: C, Java
Frontend Technologies: React.js, JavaScript, HTML, CSS, Bootstrap, GSAP, Responsive Design
Backend Technologies: Node.js, Express.js, Django, RESTful APIs
Databases: MySQL
Relevant Coursework: DSA, Computer Networks, Database Systems, Operating Systems, Software Engineering, AI/ML

EXPERIENCE

Software Engineer Intern | Snapmint **May 2025 – July 2025**

- Engineered scalable fintech solutions improving payment processing efficiency for 10,000+ users
- Collaborated with cross-functional teams to deliver frontend and backend features using modern web technologies
- Contributed to codebase optimization resulting in enhanced user experience and system performance

Full Stack Developer Intern | MIT Manipal **June 2024 – July 2024**

- Developed Netflix clone with Google Translate API integration supporting 50+ languages for multilingual content
- Built responsive creative agency template (Null Studio) resulting in 95% mobile compatibility across devices
- Implemented modern UI/UX design principles achieving 40% improvement in user engagement metrics
- **Live Projects:** flixxs.netlify.app, nullstudio.netlify.app

PROJECTS

BUGEASE - Campus Buggy Tracker **GitHub**

- Architected real-time campus transportation tracking system 50+ users with live GPS updates
- Integrated AI chatbot using Google Gemini API reducing user query response time by 60%
- Developed interactive dashboards with data visualizations improving user decision-making by 35%
- **Technologies:** React, Django REST Framework, Google Maps API, WebSockets, Gemini AI

JOBSYNC - AI-Powered Job Finder **Live**

- Developed JobSync, a platform connecting underprivileged job seekers with AI-matched opportunities.
- Optimized performance and layout across devices, improving load times and user engagement by 40
- Designed responsive, accessible UI components for features like JobMatch AI, Smart Resume, and Mentorship Hub.
- **Technologies:** HTML, CSS, JavaScript, GSAP

Balanced Pitch - AI Transparency Platform **Live**

- Developed advocacy platform to protect artists' rights and promote transparency in AI-generated music.
- Implemented dynamic animations and parallax scrolling reducing bounce rate by 30%
- Achieved 100% accessibility compliance and mobile responsiveness across all devices
- **Technologies:** React.js, Vite, GSAP, Framer Motion, Lenis

RESEARCH & PUBLICATIONS

Itemset Mining Using Federated Learning | Ongoing Research

- Leading research on privacy-preserving itemset mining techniques in federated learning environments
- Developing decentralized algorithms to balance data utility with privacy protection for distributed systems
- **Guide:** Dr. Anup Bhat B, Assistant Professor, Dept. of CSE, MIT Manipal

AWARDS & ACHIEVEMENTS

- **4th Place** - Devsprint'25 Hackathon among 30+ teams, ISTE Club MIT Manipal **2025**
- **Campus Ambassador and Contributor** - GirlScript Summer of Code (GSSoC) **2024**
- **Winner** - 21-day Problem of the Day Challenge, GeeksforGeeks x Deutsche Bank **2024**
- **All India Rank 64** - MET National Level College Entrance Exam **2022**