

NIKHAR MITTAL

Jaipur, Rajasthan | Technology Intern | Full-Stack Developer | AI & Automation
nmittal.student@gmail.com | nikhmittal.btech2024@iujaipur.edu.in
LinkedIn: nikhhar-mittal-1085a732a | GitHub: NickUnplugged

PROFESSIONAL SUMMARY

B.Tech Data Science & AI student with hands-on experience in full-stack development, automation tools, AI-powered systems, data-driven applications, dashboards, and Unity game systems. Built production-oriented projects using Python, React, FastAPI, SQL, REST APIs, and AI/ML tools. Experienced in improving reliability, automating workflows, collaborating across technical and non-technical teams, and leading student initiatives. Interested in technology consulting, digital transformation, and scalable business solutions.

EDUCATION

The ICFAI University, Jaipur - Bachelor of Technology, Data Science & Artificial Intelligence (2024-2028)

GPA: 8.04/10

Related Coursework: Database Systems, Computer Science, Web Development, Full-Stack Development, Software Development, Data Structures, Algorithms, DBMS, Operating Systems, Computer Networks, Software Engineering, Operations Management.

TECHNICAL SKILLS

Languages	Python, C, C++, C#, R, JavaScript, SQL
Frontend	React, TypeScript, HTML5, CSS3, Tailwind CSS
Backend	FastAPI, Node.js, Express.js, REST APIs, MongoDB
AI / Data	OpenCV, OpenCLIP, LanceDB, Groq API, AI Chatbots, Computer Vision, Data Science
Game Dev	Unity, Unity Input System, Unity Analytics, Unity Netcode, Cinemachine
Tools	Git, GitHub, Docker, Postman, Vercel, Render

PROJECTS

Full-Stack & Game Systems Development | Unity, C#, Input Systems | 2026

- Developing a 2D gothic-circus Metroidvania using C# with interactive gameplay systems.
- Implemented Unity Input System, Cinemachine, controller vibration, and cross-platform controller support.
- Contributed to gameplay optimization, testing, and release planning.

Xod Games Creator Automation & Dashboard | Python CLI, X API, React | 2026

- Built a Python CLI automation tool using the X API to track creator discovery after API pricing changes.
- Developed a React dashboard to manage outreach for 1,300+ gaming creators.
- Automated creator research, email tracking, and campaign workflows to improve marketing operations.

Paperless Digital Pass System | Full Stack, QR Technology | 2026

- Developed a university-fest digital pass system to replace paper-based entry verification.
- Designed backend architecture and UI for bulk pass generation, QR creation, validation, and real-time scanning.

Multiplayer Prototype | Unity Netcode | 2026

- Built a multiplayer prototype using Unity Netcode for GameObjects.
- Implemented synchronized player spawning, ownership logic, and development-environment fixes.

AI Health Chatbot (SIH Hackathon) | Python, AI | 2025

- Engineered a localized AI chatbot to detect early-stage diseases using regional health data.
- Integrated news and health datasets to provide preventive measures and basic treatment suggestions.

Facial Recognition System | Python, OpenCV | 2024

- Developed a facial recognition system for identity detection using image processing and pattern recognition.

- Explored real-world use cases such as attendance tracking and security workflows.

INDI-AURA Tourism Website | HTML, CSS, JavaScript | 2024

- Designed and deployed a responsive tourism website with user-friendly navigation and cross-device layout optimization.

Client Web & Mobile Development | Full Stack | 2024-2026

- Contributed to web and mobile applications for startup clients, improving frontend/backend functionality and user experience.

Horror Game Development | Game Development | 2026-Ongoing

- Designing immersive horror-game environments, interaction loops, and gameplay mechanics.

Augmented Reality Projects | AR Tools

- Collaborated on interactive AR applications integrating virtual elements with real-world environments.
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EXPERIENCE & LEADERSHIP

Xod Games (Peaky Circus) - Technical & Growth Intern | 2026

- Supported outreach and growth operations for Peaky Circus, including creator research, dashboard workflows, and campaign automation.
- Contributed to technical and release-planning work for a 2D gothic-circus Metroidvania.

Club President | IcfaiTech Student Council | 2025-Present

- Led 15+ student members to organize university-level events and initiatives.
- Coordinated with faculty and administration to ensure smooth planning and delivery.

Social Media Secretary | IcfaiTech Student Council | 2025-Present

- Managed official social platforms, event announcements, scheduling, and digital campaigns.
- Collaborated with design and event teams for consistent branding and engagement.

Conference, Summit & Volunteer Work

- International Conference Volunteer at The ICFAI University, Jaipur.
 - Student coordinator for the Pre-AI Impact Summit organized by the Government of India.
 - Volunteered across Deeksharambh 2025, Garbanzo 2024/2025, Impressions 2025/2026, Principal Meet 2026, Convocation 2025, Kai Po Che 2025/2026, and Placement Cell activities.
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CERTIFICATIONS, ACHIEVEMENTS & INTERESTS

Certifications: NPTEL The Joy of Computing Using Python - Silver Medal; NPTEL Introduction to Internet of Things; NPTEL Data Analytics with Python; Data Structures for Product-Based Companies - EXCELR; Facial Recognition AI - Microsoft; IBM SkillsBuild Data Structures; Google Arcade 2026.

Achievements: Gold Medal - NSD 2026, Manipal University; Participation - NSD 2025, Manipal University; SIH Hackathon 2025; Inter-college hackathon at SKIT College.

Interests: Badminton, chess, music, guitar, travelling.