Anika Jain

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Education

- **Indian Institute of Information Technology, Lucknow** — Lucknow, India
  Bachelor of Technology - Computer Science — *September 2024 - June 2028*
- **S. R. Public Sr. Secondary School** — Kota, Rajasthan
  Central Board of Secondary Education (Class 12) — *June 2021 - March 2023*
  Percentage: 85.8%
- **St. Mary's Convent Secondary School** — Kota , Rajasthan
  Central Board Of Secondary Education (Class 10 — *June 2020 - March 2021*
  Percentage: 90.4%

Skills Summary

- **Languages**: C++, SQL, Bash
- **Frameworks**: Flask, NodeJS
- **Tools**: GIT, MySQL, GITHub
- **Platforms**: Linux, Web, Windows
- **Web Devlopment**: HTML, CSS, JavaScript, React, Node.js
- **Machine Learning**: Python, TensorFlow, Scikit-learn, PyTorch
- **Soft Skills**: Leadership, Event Management, Writing, Organizational Speaking, Public Speaking, Time Management

Projects

- **My Portfolio** : October 2024
- **Ascent - A Freelancing Website** : December 2024 - Present
  - **Project Overview:** Collaborated with a cross-functional team to develop a freelancing platform, streamlining connections between clients and freelancers.
  - **Tech Stack:** Utilized **HTML, CSS, and JavaScript** to design and implement user-friendly interfaces.
  - **My Contribution:** Authored compelling content, crafted user-centric designs, and optimized the user experience through intuitive UI elements.
- **CabEase - A Shared Cab Booking System** : November 2024
  - **Project Overview:** Designed a **model** for a cost-efficient and eco-friendly **Shared Cab Booking System** using **C**, demonstrating ride-sharing optimization through intelligent route matching.
  - **Tech Stack:** Implemented using **C programming** with a focus on data structures and algorithms for efficient route optimization.
  - **My Contribution:** Led content creation and technical documentation, highlighting system efficiency and sustainability. Designed **flowcharts and system architecture diagrams** to visualize route-matching algorithms and **user workflows**.
- **PathoPredict - Machine Learning Based Tuberculosis Detection** : January 2025 - Present
  - **Project Overview:** ML-based system for **early TB detection** and **cost-effective diagnosis** which will support **healthcare professionals** and **government policy-making**.
  - **Tech Stack: ML & Deep Learning**: CNNs, TensorFlow, Keras. **Programming**: Python, OpenCV, Pandas, NumPy.

Achievements

- Participated in Hackofiesta 6.0 Uttar Pradesh Hackathon, showcasing problem-solving skills.

Volunteer Experience

- **Volunteer at Afterdark - The Photography Club at IIIT Lucknow** — Lucknow , India
  Recorded the Sports Tournament, capturing key moments for social media. — *September 2024 - present*
- **Seraphim - Social Awareness Club at IIIT Lucknow** — Lucknow , India
  Led initiatives on community welfare and public health awareness. — *September 2024 - present*