# Aman Kumar Singh

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## EDUCATION

☐ Indian Institute of Technology Patna                                                                  Patna, Bihar, India
Bachelor of Science –Computer Science and Data Analytics                   August 2024 - November 2027(Expected)
First year; CPI: 9.83

Coursework: Data Analysis & Visualization, Database Management, Machine Learning Basics, Statistics & Probability, Big Data & Cloud Computing, Python & R for Data Science, Business Intelligence & Reporting, Excel & Automation

## PROJECTS

- Chatbot
  - ☐ A chatbot can assist in customer support, answer queries, automate tasks, and provide recommendations.
  - ☐ Tools used: Python with libraries tkinter, ttk, Pillow (PIL), NLTK, ChatterBot, SpeechRecognition, pyttsx3, SQLite/MySQL

- Face Recognition Attendance System
  - ☐ Automated **Attendance:** Takes attendance using facial recognition, reducing manual effort.
  - ☐ Security **& Authentication:** Ensures only authorized individuals can mark attendance.
  - ☐ Efficiency**:** Faster and more accurate than traditional attendance methods.

  - ☐ Tools used: **Python**: Main programming language.
    **Tkinter**: For creating the graphical user interface (GUI).
    **Pillow (PIL)**: For handling and displaying images.
    **OpenCV (likely needed)**: For facial recognition and detection.

## SKILLS SUMMARY

- Languages: Python (NumPy, Pandas, Matplotlib), HTML,CSS,javascript
- Tools: MATLAB, NumPy,pandas, VS Code, PyCharm, Excel, Jupyter Notebook,
- Platforms: Windows
- Soft skills: Attention to details, Organization, Critical thinking, Leadership
- Interests:

## ACHIEVEMENTS

- Maintained a **CGPA of [9.83/10]**, excelling in core Computer Science courses.