

Soudeep Tikadar

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SUMMARY

Results-driven and tech-savvy undergraduate with hands-on experience in AI-driven solutions, data analysis, and digital product development. Skilled in building efficient tools and platforms for business optimization, including an AI healthcare chatbot and smart inventory systems. Adept at leveraging data insights to enhance operational efficiency and improve customer experiences. Passionate about empowering small businesses through digital transformation, with a strong foundation in Python, machine learning, and strategic planning.

EDUCATION

4 years B.S in Computer Science and Data Analytics, Indian Institute of Technology Patna (GPA: 9.0) Jan '24 — Dec '27
Patna, India

- Pursuing a Bachelor's degree in Computer Science and Data Analytics at IIT Patna with a focus on AI, data structures, and applied machine learning. Completed coursework in advanced algorithms, data visualization, and business analytics, providing a solid foundation for developing data-driven solutions. Actively engaged in projects, including the development of an AI healthcare chatbot, showcasing practical knowledge in NLP and user-focused AI design. Fostering collaboration and innovation through hackathons and industry-focused events.

Aspire Leaders Program in Leadership, Aspire Institute Apr '24 — Nov '24
Cambridge, United States

- Aspire Leaders Program Graduate, a selective leadership program backed by Harvard University that develops high-potential leaders through training in critical thinking, social impact, and global networking. Gained insights into transformative leadership, strategic problem-solving, and ethical decision-making, skills that empower me to drive meaningful change in business environments. I collaborated with peers worldwide, broadening my perspectives and fostering a commitment to making an impact in tech-driven industries.

CERTIFICATIONS

MATLAB Onramp, Matlab Aug '24

Accenture North America - Data Analytics and Visualization Job Simulation, Forage Jul '01

AWARDS

Certificate of Merit: Director List Jun '01
Indian Institute of Technology Patna

PROJECTS

AI Helthcare Chatbot using open Source Models [Link](#)

- Designed and developed an AI-powered healthcare chatbot leveraging conversational AI to provide instant, accurate, and user-friendly responses to health-related queries. Trained the model using a 5000-page dataset with fine contour vectorization for precise understanding and personalized recommendations. Implemented using Streamlit, LangChain, Pinecone, and GROQ to optimize performance and scalability. The project showcases expertise in natural language processing, user-centered design, and integrating AI tools to solve real-world problems.

YouTube Insights Automation Project [Link](#)

- Developed a Python-based tool that integrates with the YouTube API to analyze channel performance over the last 15 days. The tool extracts key video metrics, including views, likes, engagement, and comments, and updates data in real-time. Designed an automated workflow to sync results with Google Sheets, ensuring easy accessibility and visualization. This project enhanced my API integration, data automation, and Python scripting skills.

SKILLS

Leadership, Business Functions, Problem Solving, Critical Thinking, Decision Making, Python, MySQL, MySQL Workbench, Excel, Selenium, Data Analysis