

Deepak Kumar Singh

Student

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Noida, Uttar Pradesh

[Github](#) [LinkedIn](#) [Portfolio](#)

Profile Summary

Passionate about leveraging AI & ML to solve real-world problems across domains like healthcare, education, and automation. I thrive on turning data into smart, scalable solutions through hands-on projects, continuous learning, and a strong drive to innovate.

Work Experience

Machine Learning Intern

AICTE – Microsoft & SAP (TechSaksham Internship Program)

Feb 2025 – March 2025

- Developed an **AI-powered Lung Cancer Detection Web App** for early diagnosis.
- Built and deployed a full-stack application using **Python, Flask, HTML/CSS/JS, and MongoDB**. Implemented **machine learning** and **online batch learning** for real-time medical predictions.
- Deployed on **Netlify (Frontend), Render (Backend), and MongoDB Atlas (Database)**.

Data Science with AI Intern

Labmentix Edtech Pvt. Ltd.

March 2025 – May 2025

- Contributed to real-world AI projects in the edtech domain, focusing on model development and integration.
- Gained hands-on experience in data preprocessing, training, and performance tuning.
- Strengthened practical skills in Python, ML, and data visualization through guided mentorship.

Education

Bachelor of computer application

Noida international University

Aug 2022 – Present

- CGPA: 7.5/10

Skills

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| <ul style="list-style-type: none">Programming Languages: Python, JavaScript, SQL | <ul style="list-style-type: none">Data Science/ML: DL Libraries: Sklearn, NumPy, Pandas, Matplotlib, Seaborn | <ul style="list-style-type: none">AI & NLP: AI, NLP, Online Batch Learning |
| <ul style="list-style-type: none">Web Dev: Flask, HTML, CSS, JavaScript, REST APIs, MongoDB | <ul style="list-style-type: none">Tools & Platforms: Jupyter, Colab, VS Code, Git, GitHub, MongoDB Atlas, Render, Netlify | <ul style="list-style-type: none">Soft Skills: Problem-Solving, Communication, Teamwork, Critical Thinking, Adaptability |

Languages

- | | | | |
|---|----------------|---|----------------------------------|
| <ul style="list-style-type: none">Hindi | Native Speaker | <ul style="list-style-type: none">English | Professional Working Proficiency |
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