


Saurabh Mehra

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Objective

Enthusiastic and detail-oriented Computer Science student with strong foundational knowledge in Python, Machine Learning, Flask, and JavaScript. Looking to apply my skills in real-world projects through an internship or junior developer role in a dynamic tech-driven organization.

Education

Bachelor of Technology in Computer Science

XYZ Institute of Technology, New Delhi

2021 – 2025 | CGPA: 8.1/10

Technical Skills

- **Programming Languages:** Python, JavaScript, C
 - **Web Development:** HTML, CSS, Flask, REST API
 - **Machine Learning:** Scikit-learn, Pandas, NumPy, Matplotlib
 - **Database:** MySQL, SQLite
 - **Tools:** Git, VS Code, Jupyter Notebook
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Projects

Resume Screening System using NLP

Tech Stack: Python, Flask, Scikit-learn

- Extracted text from PDF resumes using PyMuPDF
- Applied TF-IDF and Cosine Similarity to match resumes with job descriptions
- Built a web interface with Flask for uploading and ranking resumes

Music Player Web App

Tech Stack: HTML, CSS, JavaScript

- Developed a responsive UI with cards for songs and podcasts
- Implemented search filter to dynamically filter songs/podcasts
- Used JavaScript to handle events and audio playback

ML Model to Predict House Prices

Tech Stack: Python, Scikit-learn, Pandas

- Built and trained a linear regression model on a dataset
 - Visualized results using Matplotlib
 - Achieved 85% model accuracy on test data
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Internship

Python Developer Intern

TechNova Solutions | June 2024 – August 2024

- Built Flask-based APIs for internal tools
 - Participated in developing automation scripts using Python
 - Collaborated with the frontend team on JavaScript integrations
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Certifications

- Machine Learning – Coursera (Andrew Ng)
 - Flask Web Development – Udemy
 - Python for Everybody – University of Michigan
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Strengths

- Quick Learner and Problem Solver
 - Team Player with Good Communication
 - Passionate about Backend and ML Projects
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Languages

English, Hindi