

Dev Solanki

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SUMMARY

Highly motivated Computer Science graduate with a strong foundation in Python, SQL, machine learning, and statistical analysis. Hands-on experience through academic and personal projects, including building a movie recommendation system using collaborative and content-based filtering techniques. Proficient in data preprocessing, exploratory data analysis, and data visualization using Pandas, NumPy, Tableau, and Power BI.

Eager to apply analytical and problem-solving skills in an entry-level Data Analyst or Machine Learning role.

CERTIFICATIONS

- Python Certification [View credentials](#)
- SQL Advance Certification [View credentials](#)
- Deloitte Data Analytics Job Simulation [View credentials](#)
- AI tools Certification [View credentials](#)

PROJECTS

MOVIE RECOMMENDATION SYSTEM

- The purpose of this project to create an automated movie recommendation system. That improves the user experience by suggesting movies based on preferences, ratings and by past behaviors.
- By Machine Learning algorithm, the system provides recommendation that helps users discover new movies that align with their tastes.
- Programming Expertise: Implemented advanced solutions using **Python**, leveraging its robust ecosystem for data-driven development.
- Core Libraries & Tools: Utilized TensorFlow, Scikit-Learn, and Pandas to architect, train, and optimize machine learning pipelines.
- Recommendation Algorithms: Designed and deployed intelligent recommendation workflows using Collaborative Filtering, Content-Based Filtering, and Matrix Factorization techniques to ensure high-precision personalization.

Work Experience

Web Developer Internship
Tops Technologies

Dec. 2024 – Mar. 2025

SKILLS

Python | Data Structure | Mathematics | Statistical Analysis | Excel | GitHub Actions | Model Data | SQL | Machine Learning | Active Listening | Empathy | Tableau | NumPy | Linear Algebra | Power Bi | Statistics | Probability | Data Visualization | Mongo DB | Communication | Data | Time Management | Adaptability | Problem Solving | Teamwork | Creativity |

EDUCATION

Diploma – Architecture Assistantship
M. S. University – Vadodara, IN

Aug. 2019 – May 2022

Bachelors Of Technology (B.Tech.) – Computer Science
Parul University, – Vadodara, IN

Sept. 2022– Mar. 2025

SOFT SKILLS

- **Inference**
 - My most recent experience at Marketing data has improved my ability to drive conclusions from previous events.
- **Detail-oriented**
 - I always pay extra attention to the bits of data because they often can make the biggest difference.