Mohak Malviya

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Personal Profile

A B.Tech Electrical Engineering student, studying in Shri Govindram Seksaria institute of Technology and Science, Indore, MP. Having one year of experience in the field of Data science and Machine learning, full stack web developer.

Education

Shri Govindram Seksaria Institute of Technology and Science   *Indore, India*
B.Tech in Electrical Engineering   *Nov 2021 - Current*
- Scored 8.57 SGPA
- Working on solar panal charging station project in institution

Sacred Heart Co-Ed Sr Sec School   *Indore, India*
High School   *Apr 2018 - Apr 2020*
- Passed with Distinction
- Specialised in Physics, Chemistry, and Maths with Computer Science

Work Experience

Anuyog Software Solutions PVT LTD   *Indore, India*
Machine Learning Intern   *June 2022 - Feb 2023*
- Worked on IMDB sentiment analysis dataset and developed a RNN model in PyTorch and achieved 81% accuracy with the help of transfer learning.
- Worked on SQuAD dataset, applied data cleaning and preprocessing, performed EDA with PCA, t-SNE, developed a model in tensorflow and achieved 85% accuracy.
- Developed a front-end website for Shri Gyanoday Digambar Jain temple
- Predicting covid-19 using Deep Learning -
  Task 1: implementation of time series models like ARIMA, ARMA, Prophet and Exponential smoothing.
  Task 2: implementation of Deep learning based RNN/LSTM, Bi-directional RNN/LSTM models.
  Task 3: Developed a CNN model for Covid-19 chest x-ray dataset and achieved 92% accuracy.
- Horoscope generation using NLP - Performed EDA, data cleaning and fine tuned gpt-2 model, generated predicted text with respect to zodiac signs.
- **Technical Skills:** Python with PyTorch, Tensorflow, NumPy, Matplotlib, Pandas, Scikit-learn, C++, HTML/CSS, JavaScript
- **Soft Skills:** Time Management, Communication, Presentation skills.

Skills

Programming	Python (Pandas, PyTorch, Tensorflow, NumPy, Scikit-learn. etc.), C/C++, HTML/CSS, JavaScript, SQL.
Miscellaneous	Google docs, LaTeX(Overleaf/R Markdown), Quicklabs, Microsoft Office, Firebase, MongoDB, Git.
Soft Skills	Time Management, Problem-solving, Documentation, Engaging Presentation.

Interests

Cooking	I love cooking. I am an expert in most Indian-style cooking and enjoy baking.
Art	I have always enjoyed drawing mostly with water color. Recently, I have shifted to digital art.
Music	I always enjoy music and in covid lockdown i started playing violin and i always love to play it.
Reading books	I love reading books related to self help, mystery and thriller, drama and fantasy.

Languages

English	Professional proficiency
Hindi	Professional proficiency