SNEHEE PATEL

snemvp2001@gmail.com ⬦ 🔗 Snehee-Patel ⬦ ⬤ Snehee-Patel

EDUCATION

Concordia University	*Montreal, Canada*
Master of Applied Computer Science	*Jan 2023 - Present*
Gujarat Technological University	*Gujarat, India*
Bachelor of Computer Engineering	*Jun 2018 - May 2022*

SKILLS

Programming languages:	JavaScript, Java, Python, HTML/CSS
Frameworks & Database:	React.js, SQL(MySQL), Django, Flask, Bootstrap
Machine Learning:	Tensorflow, Keras, Pytorch, Scikit Learn, Numpy, Pandas
Data Visualization:	Matplotlib, Seaborn, Plotly, Tableau

EXPERIENCE

Sparks Foundation   *Singapore (Remote)*
Data Science intern   *Oct 2020 - Nov 2020*

- Conducted data preprocessing, cleaning, and transformation tasks, ensuring data quality and integrity for analysis purposes.
- Developed and implemented machine learning models for predictive analysis and pattern recognition.
- Utilized programming language Python, along with libraries like Pandas, NumPy, and Scikit-Learn, to manipulate data and create advanced analytical solutions.

PROJECTS

Lung and Colon cancer classification ⬤
Pandas, Numpy & PyTorch

- Created CNN, supervised decision tree and semi supervised decision tree to classify the images into lung and colon cancer.
- Visualized and extracted the features from the images. Achieved the highest accuracy using the CNN architecture created using the PyTorch library.

Resource Management in Docker ⬤
Python & Docker - Research paper

- Analysed Google trace database and Alibaba cluster dataset (v2017) for CPU, memory and space used by the containers while performing the online and offline tasks.
- Visualised the load on the machines when the containers were placed on the machine.

Vaccination Tracker ⬤
Python, Streamlit, Pandas, Web Scraping & Data Analysis

- Developed interactive dashboard for visualising the number of COVID-19 vaccines in India
- Predicted number of vaccines and COVID cases in coming days using time series analysis and visualised the data for both.

Expense Tracker ⬤
React.js

- Designed and implemented the front-end user interface using HTML, CSS, and Bootstrap.
- Add and filter the expenses based on the dates, manage the expenses also added charts for yearly expense management.

Lockdown ⬤
HTML, CSS & Bootstrap

- Responsive website that shows different phases and effects of Lockdown imposed in India due to COVID-19.