**SOURABH PANWAR**

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Passionate about leveraging my technical skills, problem-solving abilities, and dedication to deliver innovative solutions while enhancing expertise in cutting-edge technologies.

**EDUCATION**

**Program Institute Year of Completion CGPA/ Percentage**

BTech CSE DIT University, Dehradun 2021 7.46

XII (Higher Secondary) Saraswati Vihar School, Saharanpur 2017 86%

X (Secondary) DAV Public School, Saharanpur 2015 9.6

**WORK EXPERIENCE**

Senior Systems Engineer, Infosys Pvt. Ltd. 05/2022 – Present

* Working in DNA (Data and Neural Analytics) Solutions team.
* Worked on creating a Feature Store solution that is used for registering, profiling, detailing, etc. for features related to particular Feature Store.
* Worked on creating the APIs for management of Features and Feature Store & Worked on the dockerization of Unified Feature Store Solution, deployed the docker image in Unix VM and enabled the management APIs from VM server to be used as a solution. Used the Big Query and Snowflakes as data source for features retrieval, registration, etc.
* Worked on creating machine learning models which includes preprocessing of data, selecting appropriate algorithm for model, training the model, evaluating the model, validating the model and deployment of model into a production environment where it can be used to make predictions on new data.
* Worked on model predictions explainability using Lime & Shap.
* Created vertex AI pipeline for end-to-end process of Inferencing which includes preProcess, predictProcess and postprocess. Also created pipeline for preprocessing and training process of a model.

**TECHNICAL SKILLS**

* Python Programming
* SQL
* Google Cloud Platform (GCP)
* MLOps
* Dockerization
* Explainable AIs (Lime & Shap)
* Azure Databricks MLFlow
* Vertex AI Pipelines
* MS EXCEL
* Power BI

**PROJECTS**

* **Breast Cancer Diagnosis Using ML Algorithm**
* Used KNN and SVM Algorithms.
* For Statistical method, Used K-Cross Validation.
* Used Libraries like: NumPy, pandas, matplotlib, TensorFlow, SciPy.
* For Dimensionality Reduction: PCA(Principal Component Analysis) method is used.
* **Sentiment Analyzer by Using Image Recognition**
* Trained a sentiment analysis model on dataset.
* Used Various Libraries TensorFlow, Keras by using Deep Learning.
* Used Binary cross entropy and Adam optimizer to reduce error and increase Accuracy.

**ROLES AND RESPONSIBILITIES**

* Volunteer at Techfest 2k19 at DIT University.
* Cultural Coordinator at Youthopia 2k18(Annual Cultural Fest) at DIT University.
* Discipline Coordinator at Youthopia 2k19(Annual Cultural Fest) at DIT University.

**INTERESTS**

* Playing Outdoor Games.
* Listening Music.
* Love to Socialize.