

# SOURABH PANWAR

Saharanpur, Uttar Pradesh  
9870745958, 8859018117

[panwarsourabh33@gmail.com](mailto:panwarsourabh33@gmail.com)  
<https://www.linkedin.com/in/sourabh-panwar-5a79231a4/>

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

- Part of the DNA (Data and Neural Analytics) Solutions team, developed a Feature Store solution for registering, profiling, and managing features.
- Created and handled the APIs for Feature and Feature Store management. Dockerized the Unified Feature Store solution, deployed it in a Unix VM server, and enabled API management. Used BigQuery and Snowflake for feature retrieval and registration.
- Built and deployed machine learning models, handling end-to-end processes including data preprocessing, algorithm selection, model training, evaluation, validation, and production deployment.
- Implemented model prediction explainability using LIME and SHAP.
- Developed Vertex AI pipelines for end-to-end inferencing (preprocessing, prediction, postprocessing), as well as model preprocessing and training pipelines.

## 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:** Implemented KNN and SVM algorithms with K-Cross Validation for statistical evaluation. Utilized NumPy, pandas, matplotlib, TensorFlow, and SciPy, along with PCA for dimensionality reduction.
- Sentiment Analyzer by Using Image Recognition:** Trained a deep learning model for sentiment analysis with TensorFlow and Keras. Applied binary cross-entropy and Adam optimizer to minimize error and improve 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.