

# GOURAV PANCHAL

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## SUMMARY

Dynamic and motivated B.Tech CSE graduate with a specialization in Data Science. Possess a strong academic background and quantitative skills in data engineering, data science, machine learning, statistics, and econometrics to contribute effectively to the Data Science and Modelling team while gaining valuable industry experience.

## EDUCATION

### B.TECH, Computer Science

Avantika University  
Ujjain, MP

Graduating May 2025

7.94 GPA

## TECHNICAL SKILLS

**Programming Languages:** Python, C++, C, SQL

**Machine Learning Frameworks:** Scikit-learn, TensorFlow, PyTorch, Kubeflow

**Cloud Data Services:** Amazon Web Services (AWS)

**Data Management:** Data Analytics, Data Mining Architecture, Data Preprocessing, Data Visualization

**Tools & Libraries:** Git, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Plotly, Jupyter Notebook

## PROFESSIONAL EXPERIENCE

### Cognifyz Technologies, Nagpur, Maharashtra: Data Science Intern

March 2024 – April 2024

- Conducted a minor project at Cognifyz Technologies, leveraging predictive modeling to analyze insights derived from a Restaurant dataset, also Excelling in nine tasks spanning Three levels during a Data Science Internship.

### Oasis Infobyte, New Delhi, Delhi: Data Science Intern

May 2024 – June 2024

- Conducted statistical analysis of structured and unstructured datasets to identify trends and patterns.
- Developed metrics, reports, and visualizations to communicate findings to stakeholders.
- Collaborated with machine learning engineers to build scalable data pipelines and develop new ML models.

## ACADEMIC PROJECTS

### Data Science Project :- Fashion's Trend Analysis Model

Developed and implemented using a machine learning model to predict fashion trends based on past sales data.

- For predictive modeling, I utilized the Random Forest algorithm.
- Integrate the predictive model into business processes, driving strategic planning, inventory management, and targeted marketing campaigns for improved customer engagement and revenue growth.

### Machine Learning Project :- Image Recommendation system

Developed a Image Recommendation system which take the image as input and predict the similar images.

- Utilized techniques to build the model :- Machine Learning, Deep Learning CNN, ResNet50, Python.
- Achieved high accuracy in predicting the similar images as outcomes, Enhanced User Experience and Interaction.

### Data Science Project :- Email Spam Detection

Implemented an email spam detection system as a part of a personal project. Utilized machine learning techniques to classify emails into spam or non-spam categories

- Successfully developed an accurate email spam detection system achieving high precision and recall rates, effectively distinguishing between spam and legitimate emails

## ACHIVEMENTS

### Sports secretary, Avantika University:

- Sports Secretary of Avantika University, orchestrated Athlos (in-house event) and Sparda (inter-college event).

### Team Lead, Chakrerview, Avantika University:

- Spearheaded the organization of the Chakrerview event in 2022 and 2023, overseeing all aspects of planning, execution, and team coordination for successful outcomes.