

PRANIT DAS

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Aspiring Data Scientist and AI Engineer with strong foundation in data analytics, machine learning, and data visualisation. Proficient in Python, Tableau, and deep learning techniques, with experience developing statistical models and dashboards.

EDUCATION

National Institute of Technology

Master of Technology;

Major in Computer Science; Specialisation in Data Science and Artificial Intelligence

Cumulative GPA: 9.18/10

Coursework: Data Analysis; Artificial Intelligence; Data Mining; Data Warehousing; Statistics; Big Data; Cognitive Sc.

Durgapur, WB

Expected Jun 2026

Kalinga Institute of Industrial Technology

Bachelor of Technology; Major in Aerospace Engineering; Minor in Software Engineering

Bhubaneswar, OD

Jun 2018 - Jul 2022

WORK EXPERIENCE

MathCo. (Business Consulting and Services)

Bengaluru, KN

Analyst - Data Engineer

Jun 2022 – Oct 2023

- Built and maintained sales dashboard on tableau for retail media team, empowering managers with actionable insights to find bottlenecks and improve performance and productivity by 20%.
- Designed ETL pipeline architecture to aggregate unstructured data from multiple sources, creating a solid data foundation.
- Led client calls to gather client requirements and delivered presentations to showcase work progress and results.
- Developed a frontend tool for GCP cluster recommendations, suggesting optimal machine type, node count, and executors.

Analyst Intern

Jan 2022 – Jun 2022

- Performed customer segmentation to identify profitable customers, generating leads for credit card sales.
- Performed EDA to understand customer demographics and spending patterns and conducted feature engineering.
- Built dashboard on Co.dx(in-house visualisation tool) to visualise key business KPIs.

PROJECTS [Github - <https://github.com/99pranit>]

INDOOR SOUND CLASSIFICATION

Nov 2024

- Collaborated in a 4-person team to execute a deep learning model for classifying indoor sounds using Python.
- Quantised and pruned the model (with 5% accuracy loss) for efficient deployment on Raspberry Pi.

AMAZON PRODUCT REVIEW SCORE

Sep 2024

- Created a CNN-RNN hybrid deep learning model to classify reviews as positive (+1) or negative (-1).
- Web scrapped amazon product reviews and calculated aggregate scores.
- Achieved 90% accuracy and deployed the solution as a front-end tool hosted on Streamlit.

MOVIE GENRE CLASSIFICATION

May 2024

- Developed CNN-based model to classify genres from posters; trained and validated on the IMDb dataset with 91% accuracy.
- Deployed the model using Streamlit and built a dockerized container with all dependencies.

ADDITIONAL

Technical Skills - Python (Pandas, Numpy), SQL, Tableau

Machine Learning - Supervised (Sklearn), Unsupervised, Neural Networks (Tensorflow)

Cloud & Data Engineering - Data pipelining, GCP (BigQuery, Dataproc), Snowflake, Workflow Automation: Docker, Airflow

Collaboration - GIT, JIRA

Soft Skills: Leadership, Problem-Solving, Innovation, Effective Communication, Storytelling, Presentation, Teamwork and Collaboration, Adaptability and Quick Learning, Time Management and Prioritisation, Proactive, Prompting, Research

Hobbies: Football, Trading, Reading Technology articles, Fitness, Volunteering

Certifications: Andrei Neagoie: Complete Python Developer; Ligency Team: Tableau Advanced: Master Tableau in Data Science; Pradeep HC: Snowflake masterclass; Jose Portilla: The complete SQL bootcamp; KodeKloud Training: Docker for the absolute beginner; Introduction to Google Cloud BigQuery

Awards: Mathco. Value Award (2023), Mathematics Olympiad 3rd (class 6, class 11)