Sandeep Kumar

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# WORK EXPERIENCE

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**Data Analyst Apprentice** Feb 2025 - Present Target | Bengaluru, Karnataka

* Extracted data from the Share Sheet and transformed the comment history into a DataFrame for streamlined processing. Categorized rows based on specific predefined categories, filtered the dataset, and successfully pushed the refined data to BigQuery in a designated table within the same database

# PROJECTS

## Potato and Tomato Plant Disease Detection 2023 – 2025

* DDeveloping a machine learning model using TensorFlow to detect diseases in potato and tomato plants.
* Collecting and analysing a dataset of plant leaf images for training a Convolutional Neural Network (CNN).
* Integrating the model into a Django-based web platform, allowing users to upload images for disease prediction.

## Credit Risk Management System AI/ML Hackathon 1.0, Parul University

* Developed a Django-based platform enabling users to register, log in, check loan eligibility, and access gold price predictions.
* Implemented models such as Decision Tree, Linear Regression, and XGBoost for managing credit risk.
* Project organized by myOnsite Healthcare in collaboration with Parul University, supported by MedinovAI and JBT Hospitality.

## Contribution to Let Us Dream Triennial International Conference 2023

* Participated in the conference at Christ University, Bangalore, held from November 3-5, 2023.
* Analyzed feedback data as part of a live project at CHRIST Infotech to derive insights for future community initiatives.

## Food Recipe Website August 2023

* Developed a fully functional website using Django, including user authentication and CRUD operations.
* Enabled seamless interaction by allowing users to create, read, update, and delete content related to recipes.

# EDUCATION

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**CDAC Bangalore** Nov 2024 - Jan 2025

Joint Program with CDAC Bangalore in Quantum Machine Learning and Big Data

**Master of Science in Data Science** Aug 2023 - July 2025

CHRIST (Deemed to be University), Lavasa Campus

**Bachelor of Science in Statistics** Aug 2020 - July 2023

Patna Science College, Patna

**12th Grade (CBSE)** 2017 - 2019

Army School Danapur Cantt

**10th Grade (CBSE)** 2016 - 2017

Army School Danapur Cantt

# SKILLS

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Machine Learning| Deep Learning| Django Web Development| Java Programming | Graph Theory | Time Series Analysis | Natural Language Processing| Python Programming | Data Structures and Algorithms GitHub Actions | Project Management | Communication | Leadership

| Time Management | Adaptability | Problem Solving |R Programming

# Leadership / Extracurricular

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**Geo Innovation Challenge** July 29-31, 2024

Sophia Girls’ College (Autonomous), Ajmer, Rajasthan, India

* + Focused on geospatial technologies to empower women.
  + Collaborated with the Department of Geography and DST-NGP, Govt. of India.
  + Contributed to workshops and sessions, driving innovations in geospatial technologies.