

# Sandeep Kumar

Patna, Bihar | [sksandy3869@gmail.com](mailto:sksandy3869@gmail.com) | +91 8986578410

[linkedin.com/in/sandeep-kumar-2a4246238/](https://linkedin.com/in/sandeep-kumar-2a4246238/) | [github.com/sandeepkumar3869](https://github.com/sandeepkumar3869) |

[sandeepkumar3869.github.io/PORTFOLIO/](https://sandeepkumar3869.github.io/PORTFOLIO/)

## INTERNSHIP

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### Data Analyst Apprentice

Feb 2025- Aug 2025

Target | Bengaluru, Karnataka

- During my apprenticeship at **Target**, I gained hands-on experience in **data analysis, automation, and visualization** using tools like **Python, SQL, Greenfield, and Power Apps**. I worked on projects such as the **Zero Waste Tracker**, where I automated **API data extraction, cleaning, and monthly reporting** for sustainability metrics like **food waste and diversion rates**. I also built **ML models** (achieving **94% accuracy**) and optimized data categorization using **GridSearchCV**. Additionally, I created **dynamic dashboards** with drill-down features, resolved **data discrepancies** in large datasets, and analyzed trends like **pest control demand** across stores. My role involved **stakeholder collaboration**, presenting insights, and ensuring data accuracy (e.g., improving match rates to **99.1%**). I also learned **Maximo for data**, attended trainings on **workplace ethics, cybersecurity, and business communication**, and aligned tasks with Target's core pillars: **Growth, Responsibility, and Goals**. This experience strengthened my **technical skills (Python, SQL, APIs), analytical thinking, and professional adaptability** in a corporate environment.

## PROJECTS

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### Potato and Tomato Plant Disease Detection

2023 - 2025

- Developing 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

### 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

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

### 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.