

## Career Objective

Data Scientist with a strong foundation in MLOps, Machine Learning, and Data Analysis. Excited to apply AI for solving real-world problems and contributing to groundbreaking research at innovative organizations like Google DeepMind.

## Professional Experience

### GenAI Intern (Remote)

Second Brain Labs

Jul 2024 – Sep 2024

- Executed targeted marketing campaigns using GenAI chatbots, resulting in a 32% increase in qualified leads.

## Projects

### Chicken Disease Image Classifier

[Github](#)

- Built a TensorFlow-based classifier for early detection of poultry diseases via fecal images.
- Achieved 87.6% classification accuracy, supporting early interventions in poultry farms.

### Customer Lifetime Value Prediction System

[Github](#) | [Demo](#)

- Developed an end-to-end pipeline using XGBoost for CLTV prediction.
- Designed MLOps pipelines using ZenML, improving workflow productivity by 40%.
- Deployed on Render server for worldwide access 24/7.

### COVID-19 Data Analysis with Tableau Dashboard

[Github](#) | [Demo](#)

- Performed in-depth analysis of global COVID-19 trends using SQL and Python.
- Created dashboards for visualization and policy impact insights.
- Built an interactive Tableau dashboard for sales data visualization and insights.

### HR Dashboard with Power BI

[Github](#)

- Designed an interactive Power BI dashboard to streamline HR reporting.
- Reduced analysis and reporting time by 75%.

## Technical Skills

- Programming:** Python, SQL, Go
- Data Science & ML:** Pandas, Scikit-learn, TensorFlow, XGBoost, MLFlow
- Data Visualization:** Power BI, Tableau, Matplotlib, Plotly, Excel
- MLOps & DevOps:** ZenML, DVC, Docker, Git, AWS

## Education

### Bachelor of Science in Data Science & Programming

Indian Institute of Technology (IIT) Madras

June 2024 - Present