

# Debanjan Mondal

Aspiring Data Scientist

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LinkedIn — GitHub

## SUMMARY

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Data science practitioner skilled in Python, machine learning, and computer vision, pursuing BCA at Lovely Professional University. Experienced in building full-stack ML applications and applying analytical techniques to solve real-world problems.

## TECHNICAL SKILLS

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**Programming:** Python, C, C++, Java

**Machine Learning:** Scikit-learn, TensorFlow, Keras, Pandas, NumPy, Computer Vision, NLP, Model Evaluation

**Tools:** Git/GitHub, Jupyter Notebook, Google Colab, Kaggle

**Web & Database:** Flask, HTML/CSS, MySQL

## SOFT SKILLS

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- Problem Solving
- Effective Communication
- Time & Task Management
- Team Collaboration

## PROJECTS

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### Diagno Vista – ML Web Application

Apr 2025

- Built a full-stack disease risk prediction system in Flask, using 15+ clinical features.
- Reached 89% accuracy on dataset of 20,000 patient entries through optimized model development.
- Connected the trained model with Flask routes and validated performance before deployment.
- GitHub: diabetes\_disease\_prediction

### Attrition Forecast Engine – ML Web Application

Jul 2025

- Engineered a churn prediction tool using Flask and Scikit-learn to analyze telecom service usage patterns.
- Achieved 96% accuracy on dataset of 10,000 records by applying tuned classification algorithms.
- Integrated SHAP-based explainability to highlight key factors influencing churn and improve interpretability.
- GitHub: customer-churn-prediction

## CERTIFICATIONS

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- Oracle Cloud Infrastructure 2025 – Certified Data Science Professional (OCI25DSOCP)
- Machine Learning with Python – IBM Developer Skills Network (ML0101EN)
- Data Visualization – IBM Developer Skills Network (CEDV1IN)

## EDUCATION

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### Lovely Professional University, Punjab, India

Aug, 2024 – Present

Bachelor of Computer Application (AI & ML Specialization)

CGPA: 6.96 / 10

### Barjora High School (H.S), West Bengal, India

Higher Secondary (Science) – May 2024

Secondary Education – May 2022

## EXTRA CURRICULAR ACTIVITIES

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- Led a team of four in the Code-a-Haunt Hackathon at Lovely Professional University and advanced to Round 2 among 50+ teams
- Successfully built and deployed two high-accuracy, end-to-end predictive ML web Applications.
- Secured 1st place twice in the 500-meter race at Barjora High School and received a trophy for outstanding performance in sports.