

Harsh Tiwari

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EXPERIENCE

April 2024 – August 2024

Freelancer, *Sunset Cafe*

- Curated an Android application for a local cafe in Mauritius.
- Made their menu accessible to users and increased sales by **40%**.
- Made a chatbot and user-friendly UI for hassle-free reservation and table booking.

January 2023 – June 2023

Backend Developer Intern, *Cosmotech Ai*

- Optimized backend boosted performance by **15%**, and reduced response time.
- Led "Device Management System" upgrade: integrated Django & Flask, automated tasks with backnet hardware, saved **20% manual effort**.
- Developed REST API for seamless app integration with backend services, improving user experience.

January 2022 – December 2022

Data Scientist, *AbsolutData Research and Analytics*

- Mastered data storage in AWS S3, boosting accessibility for ML models by **30%**.
- Guaranteed **99.8%** uptime with vigilant monitoring and maintenance of data pipelines and algorithms
- Tamed raw data, shaping it for seamless ML model consumption.

EDUCATION

September 2024 – Present

Guelph, Ontario, Canada

Master’s Degree Data Science, University of Guelph

August 2019 – November 2023

Noida, Uttar Pradesh, India

Bachelor's Degree Computer Science Engineering, Sharda University

SKILLS

- | | |
|--------------------------------|------------------------------------|
| • Languages: | Python, Java, Dart, R |
| • Databases: | SQL, Firebase, MongoDB, PostgreSQL |
| • Tools: | PowerBi, Tableau, Excel, Git |
| • Libraries/Frameworks: | Django, Flask, Flutter |

PROJECTS

Customer Churn Prediction on Telecom Dataset | Python, Neural Network, TensorFlow| [View Project](#)

- Identified the need to predict customer churn for a telecom company to improve customer retention.
- Developed an Artificial Neural Network (ANN) model, performing data cleaning, feature engineering, and model training.
- Achieved **83%** accuracy and **91%** recall, enabling proactive retention efforts by accurately identifying customers likely to churn.