

# Bardan K.c

Data Science and Machine Learning Enthusiast

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## SUMMARY

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An enthusiastic data science student with a strong background in statistics, Python, and machine learning; passionate about turning data into actionable insights. Seeking an internship to apply analytical and programming skills to real-world business problems. For details, [click here](#).

## PROJECTS

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### Taxi Fare Price Estimator

[Link to Project](#)

The Taxi Fare Estimation Web App helps users quickly find out how much a taxi ride might cost. It uses the XGBoost algorithm to predict prices based on distance, traffic, and weather. Built with Streamlit, the app is easy to use, visually appealing, and gives fast, accurate fare estimates for a smooth travel experience.

### Diabetes Prediction System

[Link to Project](#)

A Diabetes Prediction System that predicts the likelihood of diabetes using the XGBoost algorithm. Built with Django for backend and HTML, CSS, and JavaScript for a responsive frontend, it provides accurate and user-friendly predictions based on input health data.

### Bone Fracture Detection

[Link to Project](#)

A bone fracture detection system built with Streamlit that analyzes X-ray images using image processing and an SVM classifier. The app extracts features from uploaded images, classifies them as fractured or normal, and provides fast, accurate diagnostic assistance for medical use.”

### Email Spam Detection

[Link to Project](#)

An intelligent email spam detection application that uses machine learning(Logistic Regression) to classify messages as spam or legitimate and uses TfidfVectorizer for feature extraction. It analyzes email text, metadata, and patterns to block unwanted or harmful messages — aiming for a safer, cleaner, and more efficient inbox experience.

## INTERNSHIP

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### DATA SCIENCE

#### *Index IT Hub*

Completed an internship in Python and Data Science, where I developed strong practical skills in Python programming, data analysis, machine learning, data visualization, and computer vision. Gained hands-on experience working with real-world datasets and effectively using tools such as Pandas, NumPy, Matplotlib, and Scikit-learn to support data-driven decision-making.

## EDUCATION

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2022 - present	Bachelors of Science in Computer Science and Information Technology (Bsc.CSIT) at <b>(Swastik College)Tribhuvan University</b>
2019 - 2021	Intermediate (+2) at <b>Liverpool Int'l College</b> (GPA: 3.64/4.0)
2005-2019	Secondary Education Examination (SEE) at <b>Om Secondary School</b> (GPA: 3.85/4.0)

## SKILLS

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Python, Numpy, Pandas, Data Visualization(Matplot, Seaborn), Data Analysis, Scikit-learn, Machine Learning Algorithms(Classification, Regression, Clustering), MySQL, Data Pipelining, Time Series(ARIMA, SARIMA), Deep Learning(Tensorflow/Keras, Neural Network, CNN, LSTM), Jupyter Notebook, Git and GitHub

## TRAINING/CERTIFICATIONS

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### DATA SCIENCE

#### *Evolve IT Hub*

Successfully completed advanced training in Python programming, data analysis, machine learning, and data visualization, including computer vision. Gained practical experience with real-world datasets using popular libraries such as pandas, NumPy, matplotlib, and scikit-learn.”

### LANGUAGE

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English, Nepali, Hindi