

Dipesh Lohchab

📍 972, Sector 13, Bahadurgarh ✉ dipeshlohchab0302@gmail.com ☎ 8307129951

in DIPESH LOHCHAB 🌐 dipeshlohchab

Introduction

Motivated and detail-oriented Computer Science student at Bhagwan Parshuram Institute of Technology, eager to apply academic knowledge in a professional setting. Passionate about Data Science and Machine Learning and developing skills in these fields. A quick learner with strong communication skills, seeking an opportunity to gain hands-on experience and contribute effectively..

Education

Bhagwan Parshuram Institute of Technology

Sept 2023 - Present

B. Tech. in Computer Science

- CGPA: 9.3/10
- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

Khemo Devi Public School

March 2023

Class 12th

- Marks: 83.2%

Projects

Lung Cancer Prediction

[Lung Cancer Prediction](#) 

- Developed a machine learning model to predict lung cancer based on patient data, achieving 91% accuracy.
- Implemented Logistic Regression, Random Forest, Catboost and XGB for classification and evaluated performance using precision, recall, and F1-score.
- Preprocessed data by handling missing values, feature scaling, and selection for optimal model performance.
- Built a Flask web app for user-friendly predictions.
- Tools Used: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Javascript, CSS, HTML and Flask

Bengaluru House Price Prediction

[Bengaluru House Price Prediction](#) 

- Developed a machine learning model using linear regression to predict house prices in Bengaluru based on key features like location, size, and total area.
- Built a Flask-based backend to serve predictions and a responsive frontend using HTML, CSS, and JavaScript.
- Preprocessed real estate data, performed feature engineering, and optimized the model using Scikit-learn, Pandas, and NumPy.
- Tools Used: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Javascript, CSS, HTML and Flask

Technologies

Languages: C++, C, Java, Python

Technologies: Jupyter Notebook, Flask, Scikit-learn, XGBoost, Pandas, Numpy, Matplotlib, Seaborn, Plotly, Render

Soft Skills

Problem-Solving: Ability to analyze complex data challenges and develop effective solutions.

Critical Thinking: Evaluating models, questioning assumptions, and making data-driven decisions.

Communication: Explaining ML concepts clearly to technical and non-technical audiences.

Adaptability & Continuous Learning: Keeping up with evolving ML technologies and methodologies.