Kumavat Pravin

Bachelor of Computer Application Student

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INTRODUCTION

As a Bachelor of Computer Application student, I have developed a strong foundation in various aspects of computer science, including programming, data analysis, and web designing. My academic journey has been complemented by hands-on projects that have allowed me to apply theoretical knowledge to real-world problems. I am committed to continuous learning and skill development in the field of computer science.

OBJECTIVES

- To leverage my skills in programming and data analysis to contribute to innovative projects.
- To gain practical experience through internships and collaborative projects.
- To enhance my understanding of machine learning and artificial intelligence through advanced coursework and self-study.
- To actively participate in technical workshops and events to broaden my knowledge and network within the industry.
- To showcase other projects uploaded on GitHub.

EDUCATION

MONARK UNIVERSITY

Bachelor of Computer Application

2023-2027 Ahmedabad, Gujarat

CENTRAL PUBLIC ENGLISH SCHOOL

Higher Secondary Education (12th Grade)

March 2023 Ahmedabad, Gujarat

CENTRAL PUBLIC ENGLISH SCHOOL

Secondary School Certificate (SSC)

MAY-2021 Ahmedabad, Gujarat

PROJECTS

Suicide Analysis in India

June 2024

- Conducted a comprehensive analysis of suicide statistics across Indian states.
- Identified key demographic factors and regional patterns.
- Found that youth (ages 14-44) accounted for the majority of cases.
- Highlighted an annual increase in suicide rates by 19%.

Loan Approval Prediction Using Machine Learning

August 2024

- Built a machine learning model to predict loan approval likelihood.
- Utilized K-Nearest Neighbors, XGBoost, Logistic Regression, Decision Tree, and Random Forest algorithms.
- Preprocessed and analyzed data using NumPy and Pandas.
- Achieved 0.96 precision and 0.92 recall in classification.

COURSEWORK

UNDERGRADUATE

Web Designing, Data Analysis, Programming Languages, Software & Platforms, Database & Management, Computer Networks

SELF-PACED LEARNING

Machine Learning, Deep Learning, Natural Language Processing

SKILLS

LANGUAGES

Python | C/C++ | HTML | CSS

PYTHON LIBRARIES

Scikit-Learn | TensorFlow | Keras | Pandas | NumPy | Matplotlib

OFFICE TOOLS

Excel | PowerPoint | Word

Amazon Stock Price Prediction Using Machine Learning

Sept - Nov 2024

- Developed an ML model to compare real vs. predicted stock prices.
- Used regression models including LSTM and RNN for forecasting.
- Processed historical stock data to identify trends and make predictions.

Digit Classification Using Neural Networks

February 2025

- Built a deep learning model to classify handwritten digits.
- Utilized TensorFlow and Scikit-learn for model development.
- Achieved over 90% accuracy on the MNIST dataset.

Iris Flower Clustering

January 2025

- Implemented unsupervised learning on the Iris dataset.
- Applied K-mean clustering for species classification.
- Achieved 89% accuracy in species classification without labeled data.

Heart Disease Prediction (UCI Dataset)

March 2025

- Made a project to predict heart disease using real data.
- Cleaned the data by fixing errors and filling missing values.
- Used ML models like Logistic Regression, KNN, and Random Forest.
- Checked accuracy and tested how well the models worked.
- Created simple charts to show results and important health factors.
- Found that age, chest pain, and cholesterol are key signs of heart disease.

AWARDS & ACHIEVEMENTS

- Actively participated in college activities and workshops.
- Volunteered in college technical and cultural events.
- Demonstrated strong problem-solving and analytical skills in academic projects.
- Committed to continuous learning and skill development in computer science.