

NEETU DEY

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PROFILE

Enthusiastic and driven analyst with a strong foundation in machine learning algorithms, data visualization and model development. Proficient in SQL & Python with a proven ability to interpret complex data sets and deliver actionable insights. Experienced in applying data-driven solutions to solve real-world problems, and passionate about driving informed decision-making.

SKILLS

- **Technical Skills:** HTML/CSS, C++, javascript, python, ML/DL, Data Analytics, Data Visualization
- **Libraries:** Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn
- **Database:** MySQL, MongoDB
- **Frameworks:** Tensorflow/Keras, Flask, Streamlit
- **Tools:** Excel, Microsoft Word, POWERBI, AWS
- **Language:** English, Bengali, Hindi, Nepali

WORK EXPERIENCE

Data Science Intern , Celebal Technologies

Jun 2024-Aug 2024

Loan Eligibility Prediction Model: Performed extensive data cleaning, including handling missing values, outlier detection, and data normalization to ensure the quality and reliability of the data. Created new features based on domain knowledge to improve model accuracy. Fine-tuned hyperparameters using GridSearchCV and evaluated model performance using metrics like RMSE and R-squared.

PROJECTS

Sign Language Detection Model

Jan 2024 - Mar 2024

- Developed a real-time Sign Language Detection model using Mediapipe, OpenCV, Random Forest Classifier model for Sign Prediction.
- Designed and deployed an intuitive, user-friendly GUI using Tkinter, enabling seamless user input and real-time display of detected signs.

AI-powered Cryptocurrency Price Prediction Website

Aug 2024-Nov 2024

- Developed a real-time cryptocurrency price prediction platform.
- Utilized HTML, CSS, and JavaScript for an interactive frontend design.
- Built the backend using Flask to integrate dynamic data processing and model predictions.
- Implemented multiple models like LSTM model to forecast future cryptocurrency prices.
- Integrated an API to fetch and display live market data for user insights.

EDUCATION

Matriculation

Kashi Noble Academy, Bhairahawa, Nepal

May 2015-April 2017

CGPA: **3.75/4**

Intermediate

Sai Global Academy, Bhairahawa, Nepal

May 2017 - April 2019

CGPA: **3.59/4**

Undergraduate

Kalinga Institute of Industrial Technology, Bhubaneshwar, Odisha, India

Oct 2021-Present

CGPA: **8.81/10**

EXTRACURRICULAR ACTIVITIES

Team Lead - KIIT International Student Society

- Led a team of 15 volunteers, delegating tasks and fostering collaboration to ensure seamless execution of operations for Cultural fest.

Volunteer- KIIT Red Cross

- Organized and volunteered in Awareness Campaigns through Art and Nukkad.
- Worked with team of volunteers for Clothes Distribution Campaign during winter