KUMARI SNEHA JHA

CONTACT

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7857979778

Bari Co-operative Plot no 74 Bokaro Steel City, Jharkhand

SKILL

skilled in developing efficient and optimized C programs, with experience in debugging, error handling

Experienced in C++ Language : object - oriented programming, classes, inheritance

Python (scikit-learn,pandas,TensorFlow)

Experienced in writing complex SQL queries for data extraction, transformation,and analysis across large relational databases

Proficient in creating responsive and accessible webpages using HTML5 and CSS3, with a focus on clean structure and modern design practices.

Proficient in Microsoft Excel

INTERESTS

Exploring advancements in machine learning and AI, participating in data science hackathons, analyzing real-world datasets, and learning new tools for predictive modeling
Optimizing large datasets for business insights using Excel tools

LANGUAGES

English

Hindi

OBJECTIVE

To enhance my professional skills, capabilities and knowledge in an organization which recognizes the value of hard work and trusts me with responsibilities and challenges.

EDUCATION

2025

Juet Guna
Btech 2nd Year
70.2

PROJECT

House Price Prediction (Python, Machine Learning)
Developed a machine learning model to predict house prices based on features like location, area, number of rooms, etc. Performed data cleaning, feature engineering, and exploratory data analysis (EDA) to improve model performance. Built and evaluated multiple models (Linear Regression, Random Forest), achieving high accuracy on test data. Tools: Python, pandas, scikit-learn, matplotlib.

Titanic Survival Prediction (Python, Machine Learning)
Built a classification model to predict passenger survival using logistic regression and decision trees. Conducted feature analysis and engineered new variables (e.g., family size, title extraction) for better prediction. Improved model performance through hyperparameter tuning and cross-validation. Tools: Python, pandas, seaborn, scikit-learn.

Employee Attrition Prediction (Python, Machine Learning)
Developed a predictive model to identify employees likely to leave the company. Applied logistic regression and decision tree algorithms to model attrition risk. Visualized key factors influencing employee turnover, such as job satisfaction and overtime hours. Tools: Python, pandas, matplotlib, scikit-learn.

Loan Approval Prediction (Python, Machine Learning)
Built a model to predict loan approval status based on applicant information. Implemented data preprocessing techniques like missing value imputation, encoding categorical variables, and feature scaling. Used classification algorithms (Logistic Regression, Decision Tree) and evaluated model accuracy with confusion matrices. Tools: Python, pandas, scikit-learn, seaborn.

Personal Portfolio Website (HTML5 and CSS3)
Designed and developed a responsive personal portfolio website using HTML5 and CSS3. Structured clear and semantic HTML pages showcasing personal profile, projects, and contact information. Implemented modern CSS techniques such as Flexbox and Grid Layout to create a clean, mobile-friendly, and visually appealing design. Added interactive features like smooth scrolling, hover effects, and custom navigation menus to enhance user experience. Focused on cross-browser compatibility, accessibility standards, and optimized page load speed.

ACHIEVEMENT & AWARDS

Certificate of Completion for completion of course Introduction to Python

Certificate of Completion from Great Learning Platform for completion of Numpy Tutorial course

ACTIVITIES

Completed Course of HTML5 and CSS3 advanced training on Infosys Platform

Completed Machine Learning Project on House Building

ADDITIONAL INFORMATION

GitHub: https://github.com/Sneha701-rgb Linkedin:www.linkedin.com/in/ sneha-jha-566b942