

Pachigolla Uday Sri Sai Manikanta

D.No.:9-10, Salipeta Street, Akividu, West Godavari, Andhra Pradesh 534235

6300392201 | udaypachigolla999@gmail.com | linkedin.com/in/uday-pachigolla

PERSONAL PROFILE

Highly motivated and detail-oriented individual with a keen interest in coding and problem solving. Equipped with strong analytical thinking and a solid foundation in programming languages, seeking opportunities to apply my skills in a dynamic and challenging environment.

EDUCATION

SRKR Engineering College

B.Tech in Information Technology

- CGPA: 9.18

Bhimavaram, Andhra Pradesh

2020 - 2024

SRKR Engineering College

Honors Degree in Information Technology

- CGPA: 8.50

Bhimavaram, Andhra Pradesh

2021 - 2024

Narayana JR College

Board Of Intermediate Education (M.P.C)

- CGPA: 9.94

Bhimavaram, Andhra Pradesh

2018 - 2020

Vignan EM School

Board Of Secondary Education

- CGPA: 9.7

Akividu, Andhra Pradesh

2017 - 2018

PROJECTS

Facial Emotion Recognition using Deep Learning

Technologies used: Python, OpenCV, Keras, Numpy, Convolutional Neural Network.

- Utilized convolutional neural networks (CNNs) to analyze facial expressions and classify emotions accurately
- Implemented popular deep learning frameworks such as TensorFlow and Keras for model development and training
- Evaluated model through accuracy score (85%) and was able to recognize emotions in real-time

Binary Classification Model on Credit Card Default Dataset

Technologies used: Python, Sklearn, NumPy, Pandas, Matplotlib

- Led a project focused on credit card default prediction using machine learning techniques
- Gathered and preprocessed a large-scale dataset containing historical credit card transaction data, customer information and default labels
- Conducted Exploratory Data Analysis to gain insights from the dataset, identify patterns and understand the factors contributing to credit card defaults
- Implemented hyperparameter tuning to optimize the performance of machine learning models used for credit card default prediction
- Utilized evaluation metrics including accuracy, precision, recall and F1-score to compare the performance of different models

Regression Model For House Price Prediction

Technologies used: Python, Sklearn, NumPy, Pandas, Matplotlib

- Developed a Multiple Linear Regression Model to estimate house prices based on the selected features
- Utilized RFE to recursively eliminate less significant features, ranking them based on their importance and contribution to the model's performance
- Checked for multicollinearity among the selected features using the Variance Inflation Factor (VIF) to ensure that the predictors are not highly correlated with each other
- Calculated the R-squared score to assess the proportion of variance in the dependent variable (house prices) that can be explained by the independent variables included in the model

INTERNSHIP

Hewlett Packard Enterprise

Research and Development Intern

Hyderabad, Telangana

March 2024 - September 2024

- Resolving software bugs and issues to enhance product stability and improve user experience
- Completing assigned tasks within deadlines, ensuring high quality and adherence to project requirements
- Collaborating with team members to troubleshoot issues and implement effective solutions
- Demonstrating strong problem-solving skills and adaptability in a dynamic software development environment

Henotic Technology Pvt. Ltd.

Bhimavaram, Andhra Pradesh

Machine Learning Intern

July 2022 - September 2022

- Implemented supervised learning techniques such as logistic regression, decision trees, and support vector machines
- Analyzed large datasets from multiple sources to identify patterns and trends in data
- Performed feature engineering on datasets for better model performance
- Generated insights from data by applying different statistical methods

TECHNICAL SKILLS

Programming Languages: Python, Java, C

Databases: MySql

Web Technologies: HTML, CSS

ML Algorithms: Linear Regression, Logistic Regression, Decision Tree, Random Forest, Gradient Boosting, PCA

CERTIFICATIONS

- Data Science and AI Campus Program-SurgeClasses
- Data Analytics with Python - NPTEL Certification(ELITE)
- AI-ML Internship - Henotic Technology Pvt. Ltd
- SQL-5 star , Problem Solving-5 star - HackerRank
- Programming Essentials in Python - Cisco Networking Academy
- Front-end Development - Edunet Foundation

AREAS OF INTEREST

- Machine Learning
- Data Structures & Algorithms
- Problem Solving

ADDITIONAL ACTIVITIES

- Participated in coding competitions such as Code Geeks and LeetCode
- Solved more than 150 problems on platforms like LeetCode and HackerRank