

Hiranya Nekkanti

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Career Objective

Seeking a challenging, responsible position in an organization where there is continuous learning and have opportunity to contribute to line with my skills.

Education

VFSTR University , Vadlamudi, B.Tech CSE	2021 – 2025
• CGPA: 7.86/10.0	
Sri Bhavishya Educational Academy , Vijayawada, Intermediate	2019 – 2021
• CGPA: 8.95/10.0	
Dr.K.K.R's Gowtham Educational Institutions , Tenali, SSC	2018 – 2019
• CGPA: 9.5/10.0	

Projects

Building a Deep Learning Model for Automatic Generation of News Articles	Nov 2024
• Developed a personalized news headline generation system using a Hierarchical Attention Network (HAN) and other deep learning models. Incorporated fine-grained user modeling and integrated diverse news components (title, body, topic) to improve relevance. Achieved state-of-the-art results on the PENS dataset with a 91% accuracy for headline quality based on ROUGE scores.	
Credit Card Fraud Detection	July 2024
https://github.com/hiranya09/Credit-Card-Fraud-Detection.git	
• Developed a machine learning model to detect fraudulent transactions using Kaggle's Credit Card Fraud Detection dataset, which contains 284,807 transactions with 492 fraud cases. Implemented Logistic Regression, Random Forest, XGBoost, and Neural Networks to enhance fraud detection accuracy. Achieved an overall accuracy of 98.7%, with a precision of 0.92 and recall of 0.94. Utilized Python, Scikit-learn, Pandas, and Matplotlib for data preprocessing, feature selection, and model evaluation.	
Titanic Survival Prediction	April 2024
https://github.com/hiranya09/Titanic-Survival-Prediction.git	
• Developed a predictive model using Kaggle's Titanic dataset to determine passenger survival based on demographic and ticket details. Implemented Random Forest to enhance prediction accuracy. Achieved an 81% accuracy using the Random Forest model. Utilized Python, Pandas, Matplotlib, Seaborn, and Scikit-learn for data analysis, feature engineering, and model evaluation..	
Iris Flower Classification	March 2024
https://github.com/hiranya09/IrisFlowerClassification.git	
• Built a classification model using the UCI Machine Learning Repository's Iris dataset to predict flower species based on petal and sepal measurements. Experimented with Decision Trees, K-Nearest Neighbors (KNN), Support Vector Machines (SVM), and Random Forest models. Achieved 96.5% accuracy with Random Forest. Utilized Python, Scikit-learn, Seaborn, and Matplotlib for data visualization and model training.	

Technical Skills

Programming Languages: C, Python,

Web Development: HTML, CSS, JavaScript

Technologies: Microsoft Services, Cloud Computing

Tools used: VS code, Jupyter, Star UML, MATLAB

Big Data Frameworks: Hadoop, Spark

Data Processing Tools: Hive, Pig

Networking: Cisco Packet Tracer

Soft Skills

- Collaboration in cross-functional teams.
- Effective team player, with experience in collaborative projects.
- Willingness to learn new tools and adapt to dynamic work environments.

Certifications

NPTEL, Swayam June 2023 – Aug 2024

- Successfully completed a course of Principles of Management conducted by NPTEL in 2023.
- Successfully completed a course of Leadership and Team Effectiveness conducted by NPTEL in 2024.
- Successfully completed a course of E-Business conducted by NPTEL in 2024.

HackerRank, Coding Platform June 2023 – Aug 2024

- Certified in Python(Basic) conducted by HackerRank in 2023.
- Certified in SQL(Basic) conducted by HackerRank in 2023.

Cisco Introduction to Packet Tracer ,Cisco June 2024 – oct 2024

- Completed the Introduction to Packet Tracer course, gaining proficiency in using Cisco Packet Tracer for network simulation.

Cisco Networking Essentials ,Cisco June 2023 – Aug 2024

- Completed the Networking Essentials course, covering fundamental networking concepts and skills.

Cisco AICTE Virtual Internship Program in Networking ,Cisco May 2024 – july 2024

Certified in Preliminary English Test ,Cambridge University 2022

Extra-Curricular Activities

- Coordinator of Stage and Quality Management for Vignan Mahotsav - A National level youth Festival
- Worked as Coordinator in vcode food vertical

Personal Details

- Date of Birth: 26-04-2004
- Father's Name: Srinivas Nekkanti
- Languages Known: English, Telugu

Declaration

I hereby declare that all the information provided is true to the best of my knowledge and belief. I am aware that any false information provided may result in my disqualification from the application process.