VENKATESWARI KANNETI

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Professional Objective

Seeking for an opportunity to place in high paid job on emerging technologies that levelup my skills and boosts my confidence.

Skill set

C, Python-Good grip on packages such as NLP,Spacy,Tensorflow etc..good grip on mathematics involved in some models such as linear regression,multiple linear regression,logistic regression DSA(Stacks, Queues, Linked Lists, Trees), HTML, CSS, Java Script, PhP.

Education

Aug 2020 - Present

Bachelor of Technology - BTech • Sagi Ramakrishnam Raju Engineering College

Computer Science • Grade: 8.8

Participation in university was essential to student life. Numerous activities were undertaken to foster physical and spiritual development. Here, I acquired the skills to rebound after setbacks.

Intermediate • Sri Chaitanya Junior College Vijayawada **Jul 2018 - Mar 2020**

MPC • Grade: 95.5%

Matriculation • Sri Chaitanya School, Vijayawada **Jun 2017 - Mar 2018**

Grade: 10.0

DeepLearning Projects

LANGUAGE DETECTION USING Deep Learning **Jun 2023 - Jun 2023**

• Developed a language detection model using sequential deep learning to accurately detect 17 languages.
• Utilized Spacy and NLP packages to pre-process and clean data.
• Achieved 90% accuracy in language detection.

NEW SONG LYRICS GENERATOR Using Deep Learning **Jun 2023 - Jun 2023**

• Generated new song lyrics based on old songs lyrics dataset using NLP, Spacy and LSTM Sequential Model
• Preprocessed text and applied deep learning to create new lyrics
• Utilized NLP to identify language patterns of existing songs
• Implemented LSTM model to generate high quality lyrics

MachineLearning Projects

TERM-DEPOSITS Using ML   Jan 2023 - Jan 2023

• Conducted Exploratory Data Analysis (EDA) on banking dataset to identify insights
• Developed a predictive model to determine whether a person deposits money in bank or not, factoring loan and income obtained from EDA
• Utilized statistical techniques to develop hypothesis and identify patterns
• Analyzed and visualized data to understand the underlying distribution
• Examined and modified parameters to optimize the model accuracy
• Validated and verified the model accuracy
• Investigated ways to improve the model performance
• Provided insights to stakeholders on the effectiveness of the model.

PRODUCT PRICE PREDICTION IN BIGMARTS   Feb 2023 - Feb 2023

• Developed a model using Multiple Linear Regression to predict the prices of products in BigMarts.
• Utilized various data mining and analytical techniques to analyze and clean the data.
• Leveraged advanced mathematical methods to build the model and tested it for accuracy.
• Effectively achieved an accuracy of 92% to predict the pricing of products.

HEALTH INSURANCE CROSS SELL PREDICTION Using ML   Jul 2022 - Aug 2022

• Developed predictive model to determine whether customers are interested in acquiring Vehicle Insurance when cross sold with Health Insurance.
• Utilized Data Mining and Machine Learning techniques to analyze customer's demographic and transactional data.
• Implemented Logistic Regression model and optimized parameters using Grid Search Cross Validation.
• Achieved an accuracy of 78% and precision of 75% for the developed model.
• Evaluated different scenarios and features to improve the model accuracy.
• Created dashboard displaying overall performance statistics of the model.

FullStackWebDevelopment Projects

VEHICLE DOCUMENTS VERIFICATION   Mar 2023 - Mar 2023

- Developed a website to enable digital document verification for traffic police, providing a streamlined verification process.
- Implemented an automated email system to remind vehicle owners of documents near expiry, improving renewal compliance.
- Utilized technologies such as HTML, CSS, JavaScript, PHP and MySQL to achieve desired functionalities.
- Enhanced user experience by implementing search and filter features for efficient retrieval of information.

FOOD WASTE MANAGEMENT SYSTEM   Apr 2023 - May 2023

• Developed a system to share leftover food with the needy and animals, reducing food wastage.
• Gathered requirements and proposed solutions to address the problem.
• Implemented a web-based platform to facilitate donations and distribution.
• Leveraged existing food delivery networks to increase efficiency of the system.
• Created an analytics module to track food wastage and status of distributions.

Achievements and Awards

Participated in Hackathon **Mar 2023**

Leveraged coding skills to successfully participate in a 24-hour hackathon focused on vehicle document verification, resulting in receiving a certificate of participation.

Internship Certificate **Aug 2022**

Leveraged AI/ML to develop prediction models for health insurance cross-sell initiatives, leading to a successful internship certificate award.

Received certificate on DataScience and AI campus program from surge team.

Summary

Highly motivated ComputerScience graduate. Good in Java Script, HTML, CSS, Python and its packages such as Numpy, Pandas, NLP, Tensorflow, Neural Networks and good grip on Mathematics involved in Linear Regression and logistic regression. Possesses good problem-solving, ownership and analytical skills. Able to work both independently and in a team. Capable of handling dynamic tasks.