RIAKANTHA SHIVA KRISHNA

+1(603) 438-8428 ⋄ Manchester, NH

shivakrishna.a2609@gmail.com ⋄ LinkedIn ⋄ Github

OBJECTIVE

To secure a challenging position as a data scientist, leveraging my technical skills and experience in developing innovative solutions for complex business problems.

EDUCATION

Master's Degree, New England College	2023 - Present
Data Science	
Bachelor of Technology, K.G. Reddy College affiliated to JNTUH	2018 - 2022
Electronics and Communication Engineering.	
Intermediate, Narayana Junior College affiliated to TSBIE	2016 - 2018
MPC.	
10th Grade, Kendriya Vidyalaya No.1 Golconda affiliated to CBSE	2015 - 2016

SKILLS

Programming Languages	Python, C/C++, HTML
Database	MySQL, sqlite3
Data Visualization Tools	Matplotlib, Seaborn, Tableau
Machine learning libraries	scikit-learn, Keras, TensorFlow
Other Skills	Web Scraping (Beautiful Soup and Selenium), Data Structures

CERTIFICATIONS

Coding Ninjas Introduction to Python - Training Certificate (Certification Link)   Aug 2020 - Oct 2020

PROJECTS

Marketing Campaign Optimization Project

- Analyzed a dataset with 2240 data points and 29 features to help marketing companies optimize their marketing strategy using visualization tools like Matplotlib, Seaborn, and Tableau.
- Employed K-Means clustering algorithm to create clusters and determined optimal K value of 5 using silhouette score and K elbow method.
- Built a predictive model to forecast responses of unknown customers toward market campaigns by integrating soft voting classification algorithm.(GitHub Repository Link)

Combined Cycle Power Plant Project

- Predicted the hourly electrical energy output of a Combined Cycle Power Plant using a dataset with 9568 data points collected over 6 years.
- Utilized handwritten gradient descent algorithm to predict the outcome by analyzing hourly average ambient variables Temperature, Ambient Pressure, Relative Humidity, and Exhaust Vacuum.(GitHub Repository Link)

Intel Image Classification Project

- Built a convolutional neural network to classify images, leveraging various data augmentation techniques to enhance model performance.
- Trained on a dataset with 14034 images, using 6 labels (buildings, forest, glacier, mountain, sea, street) provided by Intel Company. (GitHub Repository Link)

EXTRA-CURRICULAR ACTIVITIES

- Participated in the "Fit India Freedom Run" for keeping the environment and surroundings neat and clean.