Vijay Kumar Sripathi

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OBJECTIVE

To utilize my knowledge of quantitative analysis, predictive modeling and feature engineering technologies to create value for the organization.

ACADEMIC QUALIFICATION

EdYoda Digital University:
    6-Month Certification | Data Scientist Program   ***Oct'22-Present***
    Relevant course work: Python, Data Structure and Algorithms, MY SQL Data pre-processing & Exploratory Data Analysis (EDA), Data Visualization, Machine Learning (ML), Deep Learning.

Bachelor of **Technology** in **Electronics & Communication Engineering,**
Kandula Sreenivasa Reddy Memorial College of Engineering (KSRMCE), Andhra Pradesh.
Aggregate/CGPA: 7.07/10; june'22

WORK EXPERIENCE

Industrial trainee, **Bharat Sanchar Nigam Limited (BSNL), Kadapa**   ***May'18- Nov'18***
- Educated on Land-line Telephone & Broad Band Connections and Technologies.
- Established OFCs in field work under the guidance of Senior Engineers, Learned Slicing and OTDR usages.
- Visited some RBM's stations to determine the power of Mobile Towers.
- Assisted in the development of an e-commerce platform of BSNL for retail experience.

ACADEMIC PROJECTS

Title: IPL Winner Prediction
Duration: April'23
Summary: Developed a Machine Learning model which predicts the IPL match winner for an individual match. Collected some previous matches data like venue, scores, teams, winner and some important features of each match in order to train and perform some predictions based on the current provided data on the model.

Title: Learning Deep Gradient Descent Optimization for Image Deconvolution
Duration: Jan'22-May'22
Team Size: 5
Summary: Developed a Recurrent Gradient Descent Network (RGDN) which serves as an optimizer to de-convolute images. Configured CNN components of a gradient generator which has been trained on a diverse dataset. Restored a wide range of blur images much better than previous approaches. PSNR, MSE, and SSIM values are calculated to compare with the previous approaches.

TECHNICAL SKILLS

- Languages: Python, Basic C Programming
- Data visualization techniques: Tableau, Power Bi
- Database: MY SQL
- Data Structure and algorithms
- Data Pre-processing & Exploratory Data Analysis (EDA)
- Machine Learning

CERTIFICATES

- Certification of 6 Months Industrial training in BSNL, Kadapa   *May'18-Nov'18*

EXTRACURRICULAR ACTIVITIES

- Volunteered in 'Swachh Bharat Program' conducted by our Government Polytechnic college of Proddatur, held on 4th Saturday of every month from 2016-2019.