

NAVEEN KUMAR RALLAPALLE

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OBJECTIVE

Ambitious Electronics and Communication Engineering graduate with a strong passion for Machine Learning, Deep Learning, and Data Analytics. Experienced in implementing advanced algorithms and utilizing data to solve complex problems. Eager to apply technical expertise in AI, machine learning, and data-driven solutions in dynamic and growth-oriented teams.

EDUCATION

Bachelor of Electronics and Communication Engineering

Dhanekula Institute of Engineering and Technology

2020 – 2024

CGPA: 7.9

Intermediate, Priyadarshini Junior College

2017 – 2019

CGPA: 9.63

Metric, AVR EM High School

2016 – 2017

CGPA: 9.5

SKILLS

Technical Skills: C, Python, SQL, HTML, R, Java, Flask, Machine Learning, Deep Learning, NLP, Data Analytics, Tableau, Excel, Power BI, Power Automate

Soft Skills: Teamwork, Problem-solving, Good Communication, Adaptability, Time Management

EXPERIENCE

IT Admin

Jun 2024 – Present

Siemens Gamesa Renewable Energy

Bengaluru, India

- Managed IT infrastructure and support for internal teams, ensuring smooth operations and timely resolution of technical issues.
- Supported data analytics projects and automated workflows using Power Apps, enhancing productivity across departments.

Intern

May 2023 – Jul 2023

AICTE

Vijayawada, AP

- Gained practical experience in various Machine Learning algorithms and Data Analytics.
- Spearheaded projects using Jupyter Notebook, skillfully applying various Machine Learning algorithms.

Intern

Jan 2017 – Jan 2019

Engineering Staff College of India

Vijayawada, AP

- Led projects using Jupyter Notebook, applying various machine learning algorithms.
- Honed communication and collaboration skills through team-based project work.
- Utilized Python and libraries like Pandas, NumPy, and Matplotlib for data manipulation and visualization.

PROJECTS

Heart Disease Prediction Using QMBC Algorithms:

- Developed a predictive model using QMBC algorithms for early detection of heart disease, achieving an accuracy of 98
- Preprocessed and cleaned the dataset to ensure the quality of data for model training.
- Applied machine learning techniques to tune the model and improve the accuracy of the prediction.

Power Apps Development:

- Designed and developed custom business applications using Microsoft Power Apps to streamline workflows and enhance team collaboration.
- Built interactive, data-driven dashboards using Power BI to provide real-time insights and analytics for key business metrics.
- Automated Excel data refresh processes using Python, enhancing data accuracy and reducing manual intervention.

Stock Price Prediction:

- Developed a stock price prediction model using a Long Short-Term Memory (LSTM) network.
- Implemented the model using libraries such as TensorFlow and Keras and analyzed historical stock data to generate accurate predictions.

COURSES

C Language – Great Learning (2023)

Python – Simplilearn (2022)

Machine Learning – Udemy, NPTEL (2023)

Deep Learning – Udemy (2023)

LEADERSHIP

Community Engagement Coordinator, College Fest (2022):

- Organized and coordinated events as a volunteer during the College Fest, engaging over 1000 student participants.
- Demonstrated strong leadership, teamwork, and event management skills.

Captain, State Karate Tournament (2019 – 2020):

- Led the team to success as Captain in the State Karate Tournament, showcasing dedication, strategic planning, and outstanding performance in Kyokushin-Kaikano Karate.

REFERENCE

Siemens Gamesa Renewable Energy

Program Coordinator: Ruiz Albo, Mikel

Email: mikel.ruiz@siemensgamesa.com