

Potlapally Mithun Kumar

9014274740 || mithunpotlapally529@gmail.com || <http://www.linkedin.com/in/mithun529>

Education

B. Tech (Computer Science & Engineering)

Sri Indu College of Engineering and Technology

2020 – 2024

Hyderabad, India

M.P.C

Narayana Junior College

2018 – 2020

Hyderabad, India

Internship

Junior Data Science Intern | Aivariant

July/2023 – April/2024

- Assisted in data collection, cleaning, and preprocessing, and developed machine learning models to solve business problems, including classification, regression, and clustering tasks.
- Created data visualizations and dashboards using tools like Matplotlib/Seaborn, Tableau, and Power BI to communicate findings to stakeholders, and collaborated with cross-functional teams to translate business requirements into data-drive solutions.
- Technologies:** Pandas, NumPy, Scikit-learn, TensorFlow, Keras, MySQL.

Projects

Stock Price Prediction

- Developed a predictive model using machine learning algorithms (LSTM, Random Forest Regressor, KNN Regressor, SVR) to forecast stock prices based on historical data, leveraging Python libraries such as Pandas, NumPy, Scikit-learn, and TensorFlow.
- Conducted data preprocessing and feature engineering, and created visualizations using Matplotlib and Seaborn to communicate insights and model performance to stakeholders.

Machine Learning Model Based on Amazon Alexa Reviews

- Developed a sentiment classification model for Amazon Alexa reviews using Text Mining and Natural Language Processing (NLP).
- Can Assist companies in understanding customer sentiment and making data-driven decisions.

Customer Segmentation

- Implemented customer segmentation using clustering algorithms to identify distinct customer groups based on purchasing behavior and demographics, utilizing Python libraries such as Pandas, NumPy, and Scikit-learn.
- Analyzed and visualized customer segments with Matplotlib and Seaborn, providing actionable insights for targeted marketing strategies.

Resume Classification

- Model Extracts and preprocesses text from various resume formats, employs NLP techniques to identify skills, and utilizes a Random Forest model to predict job profiles with high accuracy.
- Streamlined the HR recruitment process by automating resume screening, reducing manual effort.

Certifications

- Data science** | Statistics, EDA, Feature Engineering, Predictive Analytics, Data Visualization
- Machine Learning** | Model Evaluation, Data Preprocessing, Ensemble Learning, Cross-Validation, NLP

Technical Skills

Programming Languages: Python, R(basics), SQL

Database/Technologies: MySQL, GitHub

Web Technologies: HTML, CSS

Leadership / Extracurricular

Event Organizer

Mentor

August 2022

Sri Indu College of Engineering and Technology

- Led a group of students in organizing quizzes, coding contests, and problem-solving challenges.
- Demonstrated strong communication, leadership, time management, analytical thinking, and technical skills.

Hobbies

- Playing Chess
- Watching Documentaries
- Learning a New Language