

# ROHITH SRI NAGULAMALYALA

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## Education

### Chaitanya Bharathi Institute of Technology

B.E in Artificial Intelligence and Data Science

Dec. 2021 – May 2025

CGPA : 9.25

### Brilliant Junior College

TSBIE

2018 – 2020

Percentage : 87.4

### Carmel Convent High School

Matriculation(CBSE)

2018

Percentage : 82

## Project Based Internship

### PHN Technology

Machine Learning and Data Science Intern remote

April 2023 - June 2023

Remote

- Performed comprehensive data analysis and visualization on car loans and Titanic datasets, utilizing advanced techniques to uncover insights, identify trends, and present findings in a clear, impactful manner using tools such as Python and Tableau.
- generation of multiple linear regression and Data Pre-processing such as data normalization & Standardization.

### IBM SKILLSBUILD

Data Analytics Intern

June 2023 - July 2023

Remote

- Performed data analysis and data visualization techniques a Superstore dataset using Numpy, Pandas, Sklearn, Seaborn, Matplotlib .
- Drawn different conclusions and insights.Used various machine learning algorithms

## Projects

### Analyzing time complexities of sorting algorithms using ML | Python

May 2022 - Sept 2022

- Main aim is to predict least time complexity sorting algorithm for the given input.
- Plotting time complexities of different sorting algorithms for the given input and analyzing them through ML algorithms.

### Weather Data Analysis Project | R

Feruary 2024 – May 2024

- Data Collection and Preprocessing:** Acquired and cleaned weather datasets, ensuring quality and consistency.
- Exploratory Data Analysis (EDA):** Conducted thorough data exploration and computed descriptive statistics to understand data distribution.
- Feature Engineering:** Standardized data values through normalization and selected relevant features for modeling.
- Model Building and Evaluation:** Developed regression and time series models (Linear Regression, ARIMA), evaluated using MAE and RMSE.
- Visualization and Reporting:** Created interactive visualizations and comprehensive reports.

### My Portfolio | React.Js, CSS, Node.js,Express.Js

January 2023

- Designed and implemented a responsive UI using React and CSS, ensuring compatibility across various devices through the use of media queries.
- Integrated dynamic routing and smooth scrolling with React Router and React Scroll for a seamless user experience, and implemented state management with React hooks for the navigation menu.

## Technical Skills

Languages: Python, Java, C, HTML, CSS, JavaScript, SQL

Developer Tools: VS Code, Google Colab

Technologies/Frameworks: Latex, GitHub,

## Key Courses Taken

- Data Structures and Algorithms
- Software Engineering
- Design and Analysis of Algorithms
- Database Management
- Artificial Intelligence
- Java Programming
- OOPs Using Python
- Computer Networks
- Operating Systems

## Certifications

The Joy of Computing using Python,NPTEL

July-October 2022

Data Analytics with Python,NPTEL

January-April 2023

## Positions of Responsibility

Member of Organising Committe ,UCC Club, CBIT Hyderabad

Jan . 2023 - Jan. 2024

Technical and Documentation Head,Chaitanya Svaastya Club, CBIT Hyderabad

Sept . 2023 - Current