




# PURNA CHANDRA RAO VALLURI

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## OBJECTIVE

As an ambitious B.Tech graduate in Artificial Intelligence and Machine Learning (AIML), I am eager to work in a challenging environment where I can utilize my skills and knowledge to their fullest potential. My goal is to contribute positively to the organization while achieving personal and professional growth

## EDUCATION

- **NRI Institute of Technology** August 2022 - Present  
*Bachelor of Science in Artificial Intelligence and Machine Learning*  
◦ GPA: 8.41/10.00 Vijayawada, India
- **Vikas Junior College** July 2022  
*Intermediate Education(MPC)*  
◦ Grade: 59.01% Vissannapeta, India
- **Sri Venteswara High School** July 2020  
*SSC Board of Education*  
◦ GPA: 9.4/10 Agiripalli, India

## PROJECTS

- **WeatherApplication** September - 2023  
*Tools: Python ,tkinter ,API keys* 
  - Python 3.x, external tkinter library for the development of the graphical user interface, requests library for API calls, and an account for Open Weather Map API for the availability of weather information.
  - User inputs the name of the city, Program makes a call to the OpenWeatherMap API, API responds returning json weather info, The application retrieves and presents information such as temperature, humidity, wind speed and the weather conditions in the Gui window.
  - Real-time weather updates, a user-friendly interface with search functionality, error handling for incorrect input or network issues, and the display of weather records clean display in a structured window layout.
- **CustomerSegmentation** November 2023  
*Tools: Machine Learning Classification Algorithms, Datasets* 
  - Customer segmentation uses machine learning to analyze four key customer metrics: CustomerID (unique identifier), age (customer age), annual revenue (annual revenue), and expenditure score (1-100 rating of expenditure).
  - \* Analyzes patterns over four data points and uses clustering algorithms (especially K-means) to form groups of similar customers. The algorithm identifies segments by looking for similarities in age, income and spending, and creates specific customer profiles for the target market
  - Organizations use this feature to: 1) create targeted marketing campaigns based on age and spending models, 2) develop pricing strategies with income and expenditure score alignment, and 3) resources to create a personalized customer experience based on a category.

## SKILLS

- **Programming Languages:** Python , Basics of Java
- **Web Technologies:** HTML , CSS , Javascript
- **Database Systems:** MySQL , MongoDB
- **Tools and Technologies:** Github,Docker,Google Colab,PowerBI
- **Professional Skills:** Communicational Skills, Leadership, Adaptability, Problem solving

## CERTIFICATIONS

- **Oracle Genarative AI Professional 2024** July 2024
- **Intellipaat: Artificial Intelligence Course Certified by Intellipaat** November 2024
- **Intellipaat: Devops Certification Course Certified by Intellipaat** November 2024
- **Introduction to DataScience Issued by Cisco** November 2024
- **Data Analytics Essentials Issued by Cisco** November 2024
- **Python Internship by Oasis Infobyte** November 2024
- **SQL Certification Issued by Udemy** November 2024
- **Prompt Engineering Certification Issued by IBM** November 2024
- **Python 101 for DataScience Certification Issued by IBM** January 2024

## ADDITIONAL INFORMATION

**Languages:** Telugu,Hindi,English (Proficiency level)

**Interests:** Coding , TeamSports , Music , Creativity