**Thota Rahul**

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**SUMMARY**

Aspiring ML and AI student with experience in building machine learning models and analyzing data. Strong in problem-solving and teamwork, with skills in Python and libraries like TensorFlow and Scikit-learn. Looking for opportunities to apply my knowledge in real-world ML and AI projects.

**JOB SIMULATIONS**

**(Note: Job Simulations are experiences designed for learning purposes and not formal internships.)**

**JPMorgan Chase & Co. Excel Skills Job Simulation September 2024**

* Acquired proficiency in Excel functionalities and data analysis techniques, including data cleansing, manipulation, and conditional formatting.
* Automated tasks using Visual Basic for Applications (VBA) and developed two functional macros with buttons using sales data.
* Gained expertise in data visualization and storytelling using Excel and PowerPoint.

**BCG Data Science Job Simulation September 2024**

* Completed a customer churn analysis using Python, employing Pandas and NumPy for data analysis and random forest models for prediction.
* Achieved 85% accuracy in predicting customer churn and delivered an executive summary outlining actionable insights.

**Accenture North America Data Analytics & Visualization Job Simulation August 2024**

* Analyzed social media datasets for a hypothetical client, utilizing data modeling and visualization techniques to provide strategic insights.
* Cleaned, modeled, and analyzed 7 datasets, preparing a presentation for stakeholders.

**PROJECTS**

**SENTIMENT ANALYSIS CHATBOT USING NLP** [View in GitHub](https://github.com/rahulthota21/projects/tree/main/Chatbot%20With%20Sentimental%20Analysis)

* ***Goal***: Developed a chatbot that analyzes sentiment from the given text using the Twitter

dataset to determine if the statement is positive or negative.  
***Contribution***: Completed the entire project independently.  
***Technologies***: Python, TensorFlow, Scikit-learn, Pandas  
***Type***: Personal Project (To be submitted for Teachnook pre-internship).

**CERTIFICATIONS**

**AWS Certification - Amrita Vishwa Vidyapeetham CIR, Aug 2024** [View credentials](https://github.com/rahulthota21/Portifolio/blob/main/Certificates/AWS.jpg)

**Python Foundation Certificate - Infosys Springboard, Jul 2024** [View credentials](https://github.com/rahulthota21/Portifolio/blob/main/Certificates/Infosys_Python%20Foundation%20Certificate.pdf)

**Machine Learning Specialization - Coursera (deeplearning.ai), Sep 2024** [View credentials](https://www.coursera.org/account/accomplishments/verify/XHGG2O3FHF62)

**TensorFlow Keras Bootcamp - OpenCV University, Aug 2024** [View credentials](https://github.com/rahulthota21/Portifolio/blob/main/Certificates/Tensorflow%20By%20OpenCV.pdf)

**NumPy, Pandas, Matplotlib - Udemy, Aug 2024** [View credentials](https://www.udemy.com/certificate/UC-53a42910-c8da-457a-9526-e99d11857ef1/)

**Machine Learning with Python - IBM (Coursera), Sep 2024** [View credentials](https://www.coursera.org/account/accomplishments/verify/I2KPLLC33HGK)

**EDUCATION**

**Bachelor of Technology** *- Computer Science* Oct 2022 - April 2026

*Amrita Vishwa Vidyapeetham, Amritapuri Campus*

**Intermediate** June 2020 - March 2022

*Vijaya Junior College, Challapalli, AP*

**Schooling** June 2008 - April 2020

*Vijaya Convent High School, Challapalli, AP*

**SKILLS**

Pandas | Numpy | Matplotlib | Python | C++ | Git | C | Java | HTML | GitHub Actions | Seaborn | AWS | Scikit Learn | Tensorflow | Keras | CAD Basics | SQL | Data Analysis | CSS | JavaScript | Excel | DSA | Editing | NLP | Supervised Learning | Machine Learning | Unsupervised learning | Neural Networks | DBMS | Keras | Project Management | Communication | Leadership | Time Management | Adaptability | Problem Solving | Teamwork | Creativity

**OTHERS**

**Languages:**

* English
* Telugu

**Hobbies and Interests:**

* Watching And Playing Cricket
* Watching Movies