

# JAGADEESH NADIMPALLI

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## Education

### University of Colorado Boulder

*Masters in Data Science*

**Aug 2023 – Present**

*Boulder, Colorado*

### Jawaharlal Nehru Technological University

*Bachelor of Technology in Computer Science and Engineering*

**Aug 2017 – July 2021**

*AP, India*

- Secured a CGPA of 8.21 out of 10.

## Relevant Coursework

- Data Structures
- Machine Learning
- Neural Networks
- Deep Learning
- Big Data
- Database Management
- Data Mining
- Statistics

## Experience

### Systems Engineer

*Tata Consultancy Services (Client-Apple. Inc)*

**Aug 2021 – July 2023**

*Hyderabad, India*

- Role – Developer (Python, Teradata, Snowflake), Data Migration, and Validation.
- Responsible for implementing robust data pipeline and model.
- Data validation tool automation to check data sanity.
- Developed a script which automates time zone conversions.
- Accomplishments – Received special achievement award (Fresher).

### Machine Learning Intern

*Azure Skynet Solutions Pvt Ltd.*

**May 2019 – June 2019**

*Hyderabad, India*

- Hands on knowledge on training and testing Machine Learning models like Regression ,Classification, Clustering, Dimensionality reduction etc.
- Responsible for improving accuracy of Machine Learning Algorithms on different datasets.

## Projects

### Deep Learning Project – Text to Image Synthesis | *PyTorch, CNN, Keras*

**July 2021**

- The objective of this project is to generate an image based on the description given.
- Used Deep Fusion Generative Adversarial Networks (DF-GAN) for this project

### Application Development – Automated Grading System | *Python, NumPy, Pandas*

**June 2020**

- The objective of this project is to grade the students based on the scores they got in Mid-terms, Practical's and Semester Examinations
- Used Tkinter Library to develop an interface for the application.

### Machine Learning Project –Best place to open a Restaurant | *Matplotlib,Sklearn*

**July 2020**

- The objective of this project is to predict a best place to open a restaurant in a particular city to maximize the profits.
- Used Clustering algorithms like K-Means and DBSCAN clustering.

## Technical Skills

**Programming Language:** Python, R, C, CPP, Octave, Java

**Web Technologies::** HTML, CSS, JavaScript, php

**Database Technologies:** SQL, Teradata, Snowflake, PL/SQL

**Software:** Visual Studio, Microsoft Office (Word, Excel, PowerPoint)

**Prime Interest in:** Data Science, Machine Learning, Deep Learning, Artificial Intelligence

**Other:** Data Structures and Algorithms, PyTorch, Tkinter, Keras, NLP, Mathematics

## Certifications

- Certification completion of Machine Learning course from Stanford University in accordance with Coursera.
- Completion of Data Science Profession Certification from IBM in accordance with Coursera.
- Certification completion of Applied Natural Language Processing from IIT Madras in accordance with NPTEL.
- Machine Learning, IOT workshop and certification from IIT Kanpur.
- Deep Learning Certification from NVIDIA.