

# N Uma Revathi

## Data Scientist



Hyderabad



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## Profile

Data scientist with 2+ years of experience. Skilled in machine learning, natural language processing, problem solving and programming.

## About Me

Started working as a Back-end Developer with the skills Django, Python and MongoDB. Managed to maintain large set of databases using mongoDB as part of project. Having experience in luigi workflow for maintaining python pipelines as part of project. Developed Data cleaning process, nlp based text processing and deep learning solution as part of the project. Having knowledge on end-to-end project deployment using Django framework.

## Skills

Python

Machine Learning

Deep Learning

NLP

MongoDB

AutoIT

Django

Luigi Workflow

The skill scale is from 0 (Fundamental Awareness) to 5 (Expert).

## Experience

Nov/2019

Project - Scanalatyx

Quadratic Insights Pvt. Ltd

- Implementation of deep learning solution for table detection.
- As part of project implemented table detection service using VGG network, post processing techniques using contours, header footer detection using NLP based approach, column detection service using FCN.

Feb/2019

Sep/2018

Project - EEP

Quadratic Insights Pvt. Ltd

- Developed an energy loss minimization application.
- Data analysis, data management, creation of collections, implementation of luigi workflow.

April/2018

April/2018

Project - CCB

Quadratic Insights Pvt. Ltd

- Developed an application to renew the licence for chamber of commerce in bogota region using Django technology.
- Data analysis and data extraction from MongoDB using pymongo are activities.

Feb/2018

Feb/2018

Project - LQI

Quadratic Insights Pvt. Ltd

- Developed bots to automate the mortgage application tasks.
- Extraction of information from the application, storing into text files, uploading to FTP, updating database are part of the bot activities

Aug/2017

Jun/2017

Project - Exploring Popular Patterns in Static and Dynamic Environment

University of Hyderabad

- To discover valuable information hidden in the data we need to process data into useful knowledge. Finding patterns represents knowledge, in human readable form.
- A novel mining popular patterns are extending notion of frequent patterns to captivate popularity of individuals, which helps in discover many interesting knowledge among patterns in a transaction database.

Jun/2015

## Education

**University of Hyderabad – Gachibowli**  
Artificial Intelligence

2015 - 2017  
GPA: 8.18/10

**RGUKT-IIIT – Nuzvid**  
Computer Science and Engineering

2010 - 2014  
GPA: 7.97/10

**RGUKT-IIIT – Nuzvid**  
MBiPC

2008 - 2010  
GPA: 7.69/10

**Z. P. High School – Tadigadapa**  
SSC

2008  
GPA: 8.78/10

## Academic Achievements & ECA

Worked as volunteer in Design of Algorithms for big data analytic workshop at UOH.

Qualified in Graduate Aptitude Test in Engineering (GATE-2015) in computer science.

Qualified for 6-year integrated course from SSC board in state level.

## Relevant Courses

Deep Learning Course by Andrew NG from Coursera.

Building and Deploying Deep Learning Applications from LinkedIn.

Processing Text with Python Essential Training from LinkedIn.

Relevant Courses related to deep learning and NLP from LinkedIn.