N Uma Revathi

Data Scientist

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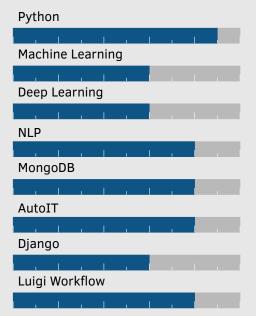
Profile ———

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 ———



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

Experience³

Nov/2019 Feb/2019 Sep/2018 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.

Project - EEP

Quadratic Insights Pvt. Ltd

April/2018

· Developed an energy loss minimization application.

· Data analysis, data management, creation of collections,

implementation of luigi workflow.

April/2018

Project - CCB

Quadratic Insights Pvt. Ltd

· Developed an application to renewal the licence for chamber of commerce in bogota region using Django technol-

 Data analysis and data extraction from MongoDB using pymongo are activities.

Feb/2018 Feb/2018

Aug/2017

Jun/2017

Project - LQI

Quadratic Insights Pvt. Ltd

Developed bots to automate the mortgage application

• Extraction of information from the application, storing into text files, uploading to FTP, updating database are part of the bot activities

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.

Education

Jun/2015

University of Hyderabad – Gachibowli	2015 - 2017
Artificial Intelligence	GPA: 8.18/10

RGUKT-IIIT – Nuzvid 2010 - 2014 Computer Science and Engineering GPA: 7.97/10

RGUKT-IIIT - Nuzvid 2008 - 2010 **MBiPC** GPA: 7.69/10

Z. P. High School - Tadigadapa 2008 SSC 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.