



MD Rijwan

Data Engineer/ Machine Learning /
Python Developer

SUMMARY/CAREER OBJECTIVE

Believing in gaining knowledge every day and always keen to share for community. Always put my sincere efforts for the development and success of the organization. Always for focusing on making the solution efficient and productive. Developer, Blogger, Youtuber, Part-time Tech Trainer.

CONTACT INFORMATION



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<https://www.linkedin.com/in/md-rijwan-60074a119/>



mdrijwan786@outlook.com



<https://github.com/mdrijwan123>



<https://youtube.com/thinkwithriz>

SKILLS

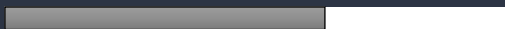
Python/ Data Structure/ PySpark ML



Data Structure/ GIT /Docker/NIFI/C++



Communication / Team Work



Scikit-Learn/ Numpy/ Pandas/ Mysql



Machine Learning / Deep Learning



Leadership / Presentation Skills



WORK EXPERIENCE

Reliance Industries Limited

Machine Learning / Python Developer

16th July 2018 - Present

Navi-Mumbai, India

- Successfully completed *Dissolved gas Analysis* project in **Manufacturing IT department** to analyze and predict the fault in transformer.
- Successfully designed and created a **Visualization** Project '*The Duval's triangle using JavaScript, HTML Canvas*' and **Predictive Model** on *Bayesian Probability* on python to detect fault on transformer. The design has been deployed on **Reporting tool Zoom-Data**.
- **Data Engineering Framework**: Created a Rest API Using Request Module and Flask Framework in Python for Integrating DE Framework Portal. Its upload's and update projects on GitLab. Also developed Restful API to create a Jira project whenever we call post URL. Containerized the given API's and deployed on Kubernetes cluster.
- **Data Engineering Framework**: Also suggested the Designing and testing of DE framework Portal for all the business use cases.
- Automate the ingestion of Data on Phoenix and Hive using **NIFI** Rest API, developed using Python, Containerized and deployed using Docker and Kubernetes.
- **Sentiment Analysis of Twitter Data**: Making Prediction for Positive and Negative and deploying on Docker and Monitoring in complete CI-CD pipeline using Jenkins and GitLab.
The Project as a Course is available on Udemy Platform:
<https://www.udemy.com/course/a-to-z-nlp-machine-learning-model-building-and-deployment/>
- **API as a Data Source**: Release the product a platform which takes an input URL, json data or token for authentication followed by data URL for getting data (json) from server flattening it, storing the metadata on database and save the data on hive, phoenix and Hadoop, User can place their JOB through UI without going into complexity. Programming language used: Python, Scala, Spark, Rest-API, Java Microservices, Shell Script.
- Presently working, doing R&D on NLP (Speech Recognition), Computer Vision, Recommendation System.
- **POC's (Proof of Concept)**: Airflow, Containerizing Data Ingestion Platform using Docker and Monitoring Pipeline using Jenkins, ML Algorithms of Association rules for Retail Business.

Placement Representative

Dr. B R Ambedkar NIT Jalandhar

1st August 2017 – 31st June 2018

Jalandhar, India

- Being an active team member, have Successfully managed 80+ companies visited in our institution for the placements and internship purpose.
- Organized several workshops and seminars for students to perform better in upcoming placement season.

EDUCATION

National Institute of Technology Jalandhar

B. Tech-Electronics and Communication Engineering

Bachelor's Degree CGPA: 7.07

K.V NO. 5 Bathinda Cantt, Punjab

12TH | CBSE | Aggregate: 88.00/100

K.V NO. 5 Bathinda Cantt, Punjab

10TH | CBSE | CGPA: 9.8/10.0

CERTIFICATES

- Machine Learning on Stanford University on Coursera.
Credentials ID: JRCMT7TCX2M5
- Neural Network & Deep Learning by Stanford University Coursera.
Credentials ID: JNEHVGK2YWYZ
- Udemy Machine Learning A to Z Course using Python
Credentials ID: UC-F3B5161C
- Python for Data Science by LinkedIn Learning.
- GIT For Team LinkedIn Learning.
- PySpark ML Lib Essential Training from LinkedIn Learning

 coursera



ONLINE PLATFORMS

- TechGig: Python Skill Quotient 99.68 %
Ranking: 217 of 66,818.
Profile: <https://www.techgig.com/mdrijwan>
- Kaggle: Practices, Projects and Submissions:
 - House Price Prediction: Regression Problem With RMS Evaluations.
 - Teclov Project - Medical treatment: Multi Class classification with Log Loss Evaluation.
- TechGig: Machine Learning:
 - New Year Resolution: Multi Class classification With Log Loss evaluation.

HOBBIES AND INTEREST

- Youtuber with channel Name "Think with Riz" Creating Tech videos for Self-Learning and Community.
- Video Editing and Doing Webinar on ML, AI and CI-CD Pipeline.
- Internet browsing and web surfing.
- Reading technical articles on news and through app.
- Playing and watching cricket.
- Reading Tech Books.
- Stretch Goals

LANGUAGE

- ENGLISH
- HINDI

PERSONAL DETAILS

Gender: Male **Data of Birth:** 29th June 1994

Marital Status: Unmarried

Current Address: Flat No. 303, Mittal Tower, Wing A, Sector 1, Koparkhairane, Navi Mumbai, Maharashtra, 400709, India.

VOLUNTEERING AND AWARDS

- Head of the robotics society and have organized many workshops for college students. Like: Cloud Computing, IOT, Embedded and Robotics.
- Worked as a lead trainer to train students on Embedded and Robotics and managed 2 batches simultaneously each having more than 15 students.
- Have participated in various technical events like in:
 - TechGig: online coding test participated more than 150000+ peoples and reached to semifinals.
 - Participated in Robotics events to code solutions for robotics problems in C. Participated in 6 won in 4.
- Volunteer Service as a placement representative of Electronics Department to handle 70+ companies from contacting to managing in our college.

DECLARATION

I hereby declare that above mention details are true to the best of my knowledge.

PLACE: NAVI MUMBAI

DATE: 12th Januray,2020

SIGNATURE

MD RIJWAN