

## SUMMARY

I am a non-computer science student learn to program, various ML and DL, statistical concepts, understand the big data technologies and try to build and understand the industry grade projects, In 6 months. It happens. Because of my passion and hard work towards data science. I will work in any circumstance and open to learn any technologies as fast as possible.

## JOB ROLES INTRESTED

- **Data Scientist • Data Analyst**
- **Machine Learning Engineer**
- **Artificial Intelligence Engineer**
- **Computer Vision Engineer**
- **NLP engineer • Data Engineer**

## TECHNICAL SKILLS

- **Programming Languages:** Python (intermediate), SQL (intermediate)
- **Databases:** My SQL, Mongo DB
- **Reporting:** Tableau (data analysis)
- **Cloud Services:** AWS (Big data technologies), GCP, Heroku
- **API Testing:** Postman, Ngrok (local server), Flask framework
- **Chatbots:** Google Dialogeflow, Amazon Lex.
- **Annotation:** Labelme, Labelimg

## KEY SKILLS

- **Python Libraries:** Numpy, Pandas, Matplotlib, Seaborn, Scikit Learn
- **Statistics:** Basic statistical concepts, hypothesis testing, probability distributions.
- **Machine Learning:** Various ML algorithms with mathematics behind it, data preprocessing , Model building, deployment, Hyper parameter tuning, Time series.
- **Deep Learning:** ANN,CNN,RNN GAN architectures, Neural networks building and deployment.
- **DL frameworks:** Tensor flow 1.x,2.x, Keras, Pytorch
- **Computer Vision frameworks:** TFOD, YOLO V5, Decatron2
- **NLP Libraries:** NLTK, Spacy
- **NLP Concepts:** LSTM, Bi-LSTM, Encoder, Decoder, Transformers, BERT,GPT-1,2 , Sentiment analysis.

## PROJECT WORK EXPERIENCE

- **Data Analysis:** Collect the vast amount of data from the MySQL database periodically, clean the data, and ready for analysis. Create innovative and interactive Tableau dashboards with useful insights which gives a very good visual representation, as well as easy, understand the complex information with few clicks. [\[GitHub\]](#) [\[Video\]](#)
- **Machine Learning:** Build the regression (Cement strength prediction) and classification (wafer fault detection) models based on the distinct features from the training data. It includes data schema collection, validation, transformation, preprocessing, clusters creation, model training, selection, validation, hyper-parameter tuning, and finally deployment. [\[GitHub\]](#) [\[Video\]](#)
- **Computer Vision:** Create a facial recognition system, hand detection alarm based system and object tracking using deep sort yolo algorithm. Labeling and custom train the own images by using Tensor Flow Object Detection (TFOD), Detectron2, Yolo V5 frame works. [\[GitHub\]](#) [\[Video\]](#)
- **NLP:** create an effective text summarization model by using BERT and speech to text, text to speech conversion model with a good user interface using Flask app. [\[GitHub\]](#)
- **Chatbot:** Create an interactive chatbot using Google Dialogflow and Amazon Lex, which takes the basic information from the user, in return it generate mails with basic course information to the user and another to the CRM team with user information. I integrated these chatbots with Facebook and Telegram. [\[GitHub\]](#) [\[Video\]](#)
- **AWS:** Create an EMR cluster with big data frameworks (Spark, Hadoop, Hive and more), build the interactive web Applications using AWS Lambda, API Gateway, Dynamodb, S3 and finally create and configure an Amazon Redshift data warehouse, load sample data from S3, and analyze it using a SQL client. [\[GitHub\]](#) [\[Video\]](#)

## CERTIFICATIONS

- Post Graduate in Artificial Intelligence and Machine Learning at **NIT Warangal** offered by **Edureka online** Platform. (Nov 2020 - Present)
- Machine Learning, Deep learning, Computer vision courses on **INeuron online** platform (Bangalore based AI startup). (Jan 2021- Present)
- Google Data Analytics Professional Certificate at **Coursera** (May2021 - Present)
- Big data technologies offered by **SimpliLearn** platform (Nov 2020- Feb 2021)

## Achievement & Extra Circular Activities

- Dr. APJ Abdul kalam **Pratibha award**- 2019 by Andhra Pradesh Govt.
- Selected for **National Merit Scholarship** (NMMS) and TTD scholarships.
- **NCC** Candidate and completed A, B and C certificates and worked as a JUO.
- Student Coordinator for CDPC (Campus Development Placement Cell) at RGUKT.

## EDUCATION

<b>MTech (Material Science Technology)</b>	Aug 2017 - Dec 2019
<b>JNTUK University College of Engineering</b>	Vizianagaram,AP
<ul style="list-style-type: none"><li>• Complete the post graduation with <b>80% of marks</b> with university Gold medal.</li><li>• Did the MTech one year final project at <b>DRDO- DMRL</b> (Defense Metallurgical Research Laboratory) at Hyderabad on Thin Films Magnetic materials .</li></ul>	
<b>BTech (Metallurgical and Materials Engg)</b>	Jun 2012 - May 2016
<b>Rajiv Gandhi University Of Knowledge Technologies (RGUKT)</b>	Nuzvid, Krishna, AP
<ul style="list-style-type: none"><li>• Complete the graduation with <b>84% of the marks</b>.</li><li>• Intermediate also in the same college with <b>80% of marks</b>.</li></ul>	
<b>School of Secondary Education (SSC)</b>	May 2009 - Apr 2010
<b>Government High School</b>	Srikakulam, AP
<ul style="list-style-type: none"><li>• Complete the SSC with <b>94% of marks</b>.</li><li>• Secured as Mandal topper and get the chance to 6 years free integration education at RGUKT.</li></ul>	