



Ananda Babu G

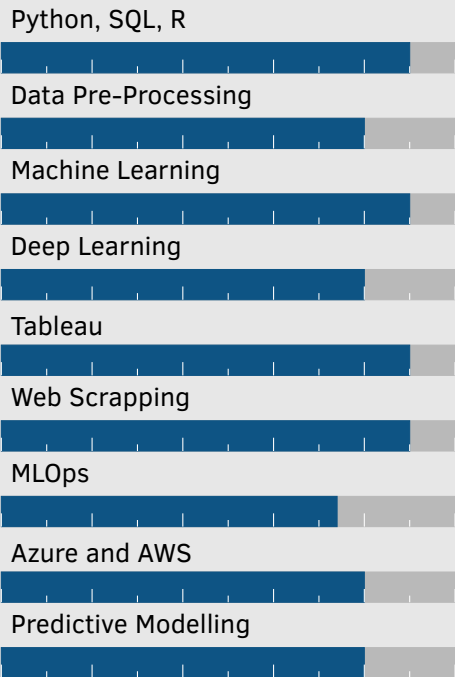
Machine Learning Engineer

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Profile

Azure certified Data Scientist Associate, with 6+ months of experience, (4+ Years of Publication Experience) who loves to work on building models that can help translate data points into actionable business insights. I have used my skills and developed various real-time applications in Machine Learning and Deep Learning, Computer Vision, and NLP Domains and successfully deployed them on Cloud. Have thorough knowledge in Data Analysis, Predictive Modelling and MLOps. Actively looking for opportunities to apply my skills and knowledge in data-driven companies.

Skills



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

Projects Undertaken

COVID-19 Detection using Deep Learning from Chest X-Ray Images

- Developed and deployed a Deep Learning Model for the detection of COVID-19 from Chest X-Ray using CNN.
- This is a Binary Classification (COVID +ve or -ve) that achieved an accuracy of 98.46% in classifying the Chest X-Rays.
- Deployment link: <https://covid19-detection-cxr.herokuapp.com/>

Brain Tumor Segmentation using MRI Scans

- Developed a Deep Learning model based on UNet architecture for generating the Segmentations of Brain Tumor from MRI scans.
- The model was able to identify the segmentation parts from the MRI scan images provided to it.

Pre-Owned Car Price Prediction Model

- Developed and deployed a Regression based prediction system for predicting the buying or selling price of a pre-owned car using CarDehko data.
- Link: <https://preowned-carprice-prediction.herokuapp.com/>

Experience

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|-----------|---|
| Present | Machine Learning Engineer Detection and Tracking of Drones using Thermal IR Imagery PhD Research Global, New Delhi |
| Aug/2021 | <ul style="list-style-type: none">Developed this Computer Vision project using YOLOv3 algorithm by applying Transfer Learning on Darknet53.Output: An object detection system which can detect and track objects like Drone, Airplane, Bird, and Helicopter in night using IR Imagery with above 98 percent accuracy. |
| Aug/2021 | Data Science Intern (NLP) E-Commerce Store Review Classification using NLP Forsk Technologies, Jaipur |
| May/2021 | <ul style="list-style-type: none">Created a Sentiment Analysis Model and a Web-Based Dashboard to gain real-time analysis on how customers feel about client's products.Output: A Sentiment Analysis (Positive or Negative Reviews) Model with user interactive dashboard was deployed on AWS. |
| Dec /2020 | Executive Editor Saeed Publications, Hyderabad |
| Jun/2020 | <ul style="list-style-type: none">Reviewing the work of Associate Editors, Sub Editors, and Content Writers and making necessary editing to keep the reader engaged further.Ensuring all the writers submit the highest quality content and motivated them to give their best performance. |
| May/2020 | Editor & Author Saeed Publications, Hyderabad |
| Jun/2016 | <ul style="list-style-type: none">Supervising the work related to content selection, writing, finalizing, and proof-reading to meet the publication's standards and style-guide, checking grammar and errors.Authored a book titled "Andhra Pradesh Prabhatva Padhakaalu" in Telugu, a comprehensive compilation of the Welfare Schemes introduced by Andhra Pradesh Govt. |

Education

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|-------------|---|
| 2021 | Masters Program in Data Science and Business Analytics Simplilearn |
| 2012 - 2015 | Bachelor of Technology in Computer Science & Engineering Rajiv Gandhi University - IIIT, Nuzvid |

Certifications

- Microsoft Certified: Azure Data Scientist Associate (DP - 100)
- FreeCodeCamp.org: Machine Learning with Python Developer