RINKI R. NAG
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EXPERIENCE

Data Scientist, AIML-ADM	**Fractal Analytics**	**August 2018-Present**

- Worked on building Deep learning models for the Asset Management industry, which helps for selling the right product to right customer using machine . Making models for better distributor management, increasing sales of the company
- Worked on making data pipelines and recommendation engine to boost sales by suggesting best distributors to RM's ,majorly worked in finance industry. This model led to better distributor management, increasing sales of the company
- Deployed above, the model and automated data pipeline in Cuddle.ai (Fractal Product) which had 100% usage and is positively rated by the users
- Involved in training of multiple batches of students on Python, Machine learning, Deep learning
- Conducted multiple hackathons and other technical events to enhance AI and cloud knowledge growth
- Built multiple automation projects for better optimization of mundane tasks and making human career growth more efficient
- Domains: Finance, Banking, mutual funds, Telecom

Research Assistant	**FOSSEE (IIT Bombay)**	**October 2017 – July 2018**

- Worked as a Software Developer on Open source simulation cloud software. The main aim of this project was to port core functionalities of Xcos to a browser-only version using technologies Like JavaScript, Python, Html, CSS, and Scilab.

EDUCATION

Mumbai, Maharashtra	**University of Mumbai**	**July 2013– May 2017**

- B.E. in Electronics and Telecommunication engineering, May 2017, CGPA: 6.75. Volunteered as Technical Head for ACM-MHSS for three years was responsible for conducting technical events, hackathons, and overall technical development of branch.

TECHNICAL EXPERIENCE

Projects

 • Deployed a sentiment analysis Model on AWS: Trained and deployed Pytorch sentiment analysis model on Amazon Sagemaker. Pytorch,AWS Sagemaker
• Pump it Up: Data Mining the Water Table (Top 30% among the team participated): Worked on water table data by Tanzanian government used various boosting algorithms, regression techniques and Bayesian optimization techniques. Python, ML libraries
• Text Data Intent Classifier: Classifier to detect the text to correct business vertical using ML libraries and made an automated domain classifier for IT tickets
 • Omdena red cross Locust challenge , will be working on satellite drone imagery images (Open Source)
 • Product Recommender: Built product recommender which recommends common product to the selected product by consumer using TF-IDF and cosine similarities. Python, ML libraries
 • Customer segmentation: Used RFM and unsupervised segmentation method to find ideal customers for making opportunity for business.
• Pyspark based EDA modules, was made by me for customer genomics a Fractal company.

CERTIFICATIONS AND ACHIVEMENT

- Certified Azure DataScientist , Azure Fundamentals and Microsoft certified Trainer (MCT)
- Certified course in Programming, Data Structures and Algorithms using Python by NPTEL (CMI)

- Data Foundations ND for udacity and Deep learning Nanodegree and Deep Reinforcement Nanodegree
- Certification from Cloudxlab on BigData and Spark
- GCP Data Engineer Certification from Coursera, and passed data engineering bootcamp arranged by Manipal
- PyTorch Scholarship by Facebook (11/2018 – 05/2019): Among top 3% of student to get **Deep Learning ND**
  Languages and Technologies, and also got Deep Learning Reinforcement Nanodegree in stage two

Languages and Technologies

- Machine Learning, Deep Learning, NLP, Python, Pytorch, Keras, PowerBI, SQL, R, PySpark, GCP, Web Development, GO ,Hadoop Stack,scala