Amrit Raj
Data Science

Data scientist experienced in building data intensive application ,complex architectural and scalability issue. Proficient in data mining, processing, visualization and modeling. Capable to code, test and deploy on AWS and Azure .

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INDIA

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WORK EXPERIENCE

Data Science Intern
ineuron

08/2021 - Present   *Bengaluru,India*
Ed-tech revolutionizing skill education through OTT , recently merged with Physic Wallah .

Achievements/Tasks

- Build fully automated system to identify website traffic is genuine or fake.
- Performed F.E , Pre- processing, PCA , EDA,KNN imputation on datasets.
- Build predictive model using ML tools to predict equipment failure possibility because of Air pressure system.
- Extracts insights of data using Data Wrangling , visualization and necessary libraries (Pandas, Scipy , Seaborn , Matplotlib etc) .
- Deployed Projects successfully on AWS and Azure using EC2 , ECR and Azure DevOps.
- Build and trained models using classification and regression models and achieved accuracy upto 99.5% .

Technical sales
Rockwell Industrial Services pvt ltd

01/2021 - 12/2022   *Bhubaneswar ,Orissa*
Prominent manufacturer of Gear Box ,Hydraulic system

Achievements/Tasks

- Lead role in securing ARC with TATA ,JSL ,IFFCO and exceed sales KPIs by ap. 30% for two consecutive qtr.
- Improved sales growth by 20% leading to growth of 25% YOY hitting OEM target of 20 million before time.
- Tracked key accounts , their projects and modified strategy based on that. Responsible for training, after sales supports , information and guidance .
- Led operational excellence of entire Odisha state through effective implementation of strategic plan .

Quality Engineer
Perfect Generators technology pvt ltd

07/2019 - 12/2020   *Ghaziabad, U.P*
Largest Genset O.E.M of Mahindra & Mahindra and manufacture Generators upto 625 kvA

Achievements/Tasks

- Ensures quality of acoustic enclosure on shop floor and ensure quality checks of 11 tank treatment process .
- Lead role in implementation of F.I.F.O , M.P.E.S , 5S , Six sigma and redesigned Plant layout.
- Reduce operation time by 25 min/shift and scrap generation by 10% by organizing program nesting .
- Lead role in design and development of new products . ex- Uvc- disinfectant system , waste compost etc.

SKILLS

Python · My SQL · Matplotlib · Pyspark · Numpy · Data Visualization · Model deployment · Data Extraction & wrangling · Tensor flow · NLP · Statistics · Probability · Hadoop · Mongodb · Solid works · Excel · AutoCad · GD & T

PERSONAL PROJECTS

Color Detection (03/2023 - Present)
- Build application to detect selected color out of image.

Speech Emotion Recognition. (01/2023 - 02/2023)
- Recognizing emotion and affective state of Humans from speech using Python Librosa library.

Flipkart Review Scrapper (07/2022 - 08/2022)
- Application used to extract customer reviews of various products on Flipkart which can be later used for Sentimental Analysis.

Bicycle Modification (08/2017 - 01/2018)
- Redesigned frame , Electrification . Used Electro magnetic Braking and piezoelectric effect to make more efficient.

AWARDS & CERTIFICATES

Data Science by Ineuron (04/2022 - Present)
Enrolled Data Science course and completed project in numerous field.

Hacker rank 4 Star
4 star in Python Programming

3rd prize in district in International mathematics Olympiad .
World Championship Mathematics Competition for High School .

EDUCATION

B. Tech (Mech Engg) 71% Maharashi Dayanand University (07/2015 - 06/2019)

INTERESTS

Chess · Cosmology · Teaching · Preservationist · Football · Travelling · Painting · Cooking