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PROFILE SUMMARY

- **Machine Learning Engineer with proven success in building successful algorithms and predictive models for different use-cases. Highly adept at data mining, cleaning, building models, deploying and ability to apply ML techniques to solve real-world industry problems.**

EXPERIENCE

Data Scientist at Algonox

February 2020 – Present

- Developed and deployed end to end Customer complaints classification and entity extraction model with the help of Email IMAP for receiving the complaints through email and NLU for classification and extraction.
- Deploy models in AWS(EC2) with the help of Flask, Docker.
- Enhanced components feature performance in ACE(automation engine).
- Worked on FinTech Project which contains Millions of records per day with Big Data(PySpark) for report generation.
- Developed various reports calculations desired by client with PySpark.
- Developed Custom reports templates framework for good looking with the help of Jinja Templating engine.

Software Developer at Spotflock

October 2019 – January 2020

- End to End Machine Learning, From Data Collection to Deployment
- Worked on Sensitive Content and Fake Profile Photo Classification Models
- Deploying the ML models with the help of Django
- Gym Exercises trainer and evaluator using PoseNet and voice control using speech_recognition
- REST API Services for App and Website Development with Django

INTERNSHIP

Jr. Data Scientist Intern at Aptagrim

January 2019 – May 2019

- Worked on Computer Vision and Natural Language Challenges
- Develop Project Pipeline building
- Data Mining and Pre processing
- Develop Deep Learning models with Keras

ACADEMIC CREDENTIALS

Examination	University	Institute	Year	CGPA / %
Graduation	Lovely Professional University	Lovely Professional University, PGW	2019	7.1/10
Intermediate/+2	Telangana State Board	Trinity Junior College, Karimnagar	2015	87.4%
Matriculation	A.P. State Board	Z.P High School, Gundi	2013	8.3/10

PROJECTS

- **Project:** Smart Parking Lot Management June 2019
Technologies: Computer Vision, Deep Learning, Flask
Role: Parking space detection, GUI
Description: Traffic congestion caused by vehicle is an alarming problem at a global scale and it has been growing exponentially. Smart Parking systems typically obtain information about available parking spaces in a particular geographic area and process is real-time to place vehicles at available positions. This project did for the largest hackathon in the World i.e., Techgig Code Gladiators Our solution led us to get 3rd rank from 6000 teams.
- **Project:** Honey Encryption for Text using Deep Learning March 2019
Technologies: NLP, NLU, Deep Learning, HMM
Role: Individual
Description: It is a type of data encryption that produces a ciphertext, which, when decrypted with an incorrect key as guessed by the attacker. It produces the text which has the same intent to mislead the attacker.
- **Project:** Find My Twins January 2021
Technologies: Computer Vision, Deep Learning, Flask
Role: Individual
Description: A CNN based project which find it's similar images like image search. It can search from the Pool of images. Did this project as a freelancer.
- **Project:** Intent and Entity Classification for Voice Assistant and Resume Shortlisting January 2019
Technologies: NLP, NLU, Deep Learning, PyAudio, RASA NLU
Role: Individual
Description: This project has multiple purposes, It was used for Intent and Entity Classification in Voice Assistant for company's product Apta I (Hey Apta, all flights from Boston to Washington. (Intent: Navigation, Entities: Flight, Boston, Washington)). And for Resume ranking, Scraping the Skills, Project Technologies and etc. as Entities and ranking the resume on some factors.
- **Other Projects:** Face Recognition using FaceNet 2015 Paper, Lecture Note Making using Python, Stock Prediction using RNNs.

KEY SKILLS

- **Machine Learning** Modelling Techniques
- **Python Framework:** Flask, Django, Selenium
- **Deep Learning:** Keras, TensorFlow, PyTorch
- **Big Data:** PySpark
- **Programming:** C++, Python
- **DevOps:** Docker, AWS(EC2)
- **Computer Vision:** OpenCV
- **Statistics & Exploratory Data Analysis**
- **Natural Language Processing & Understanding**
- **Databases:** MySQL, MSSQL
- **Packages:** Beautiful Soup, Celery

ACCOLADES

- Jio's AI theme hackathon organized by Techgig Rank 3 out of 6000+ entries 2019
- Secured 3rd Prize in Py-a-thon Hackathon 2017
- Best Head Coordinator at Aviators group in LPU 2017

EXTRA CURRICULAR ACTIVITIES

- Tech Speaker at Programmer Thoughts Community 2019 – Present
- Certified Machine Learning Engineer from DataCamp 2018
- Active Learner from Fast.ai

LANGUAGE PROFICIENCY

- English, Hindi, Telugu