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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 – May 2022

- 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

CERTIFICATIONS

- Certified Data Miner from University of Michigan.
- Certified Machine Learning Engineer from DataCamp.
- Certified in ML and AI in Learning Week from upGrad.

PROJECTS

- **Project**: Automated Lead Generator for Sales, Network, Business and Anything   May 2022
  Technologies: NLP, NLU, Selenium, Artificial Intelligence
  Description: Automated generating leads and writing Cold Mails to the fetched leads by code.

- **Project**: Automated Instagram from Content Creation to Posting to Instagram   January 2022
  Technologies: NLP, NLU, Selenium, Artificial Intelligence
  Description: Automated #1 new Generation's Social Platform Instagram. It automatically creates the content and posts to Instagram. It will create the content from different blogs, twitter and different sources. Some of my automated accounts: virtual_vinay, healthy_vedik, crypto_tweets.btc, bitcoinpricehourly, etc.

- **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.

- **Other Projects**: Find my twins type of Image Search, Intent and Entity Classification for Voice Assistant and Resume Shortlisting, 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
- Active Learner from Fast.ai

LANGUAGE PROFICIENCY

- English, Hindi, Telugu