Yaswanth Santha Hruday Jagilanka

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Date of Birth: 21st December 1995

Myself at a Glance

- A 24/7 Enthusiast/Experimentalist who feels knowledge and learning in this world are endless. Trying to find a role to unleash the true potential of self in this world with diverse interests. Devoted to proving worth for self and organization. Self-Propelled Learner pursuing the challenges and learnings in field with continuous commitment and dedication.
- Having Technical Exposure in client facing environments, with an experience of nearly 4 years in diverse domains, developing various end to end applications using Technology and managing multiple people and teams to solve critical organizational problems.
- Known for my interest towards AI in audio/music and solving challenging ML problems using various classification techniques and applying neural network architectures like CNN, LSTM based on the requirement of the problem. My excellent presentation and articulation skills together with the knowledge in technology domain brings a complete package of self.

Specialized Technical Skills

Full Stack	Libraries	Platforms	ML Ops/DevOps
- Python (Flask/Django) - Vuejs - SQL - MongoDB - PySpark (WIP)	- Numpy and Pandas - Sci-kit and TensorFlow **ML/DL** - Descriptive Analytics - Supervised and Unsupervised Learning - Neural Networks – CNN, RNN and LSTM	- Linux Administration - AWS - RapidMiner - JIRA and Confluence - Google Cloud Platform (Big Query)	- GitHub/Gitlab (VCS) - CI/CD - Docker - Kubernetes - Jenkins

Work Experience

Data Scientist 1, IQVIA Ltd., Kerala, India   **May 2019 – July 2021**
Responsibilities
Developing Applications and Service using Machine Learning and Artificial Intelligence to support Pharmaceutical Companies and other Clinical Drugs launch excellence.

Highlights:
Tech Deployed *– Machine Learning, Artificial Intelligence, Big Data and Python with ML Ops and Cloud (AWS, Triton)*
Projects:
    HR/Clinical Chatbot
    Forecast Plus
    Medical Transcriber

Assistant Manager, Idea Cellular Ltd., Kerala, India   **August 2016 – April 2019**
Responsibilities
Complete O&M of core level switches which includes configurations, monitoring, maintenance, new implementations to connect the various blocks within the network, as well as the whole network databases of full Kerala circle.

Highlights:
Tech Deployed – Django, SQLite, Apache2, Python3, Numpy, Pandas, regex, Paramiko
- Achieved man hour saving of around 6 hours by taking a self-initiative of process automation which performs various diversified tasks which include parameter conflict resolution, trigger-based alerts, regular system backup which doesn't require manual intervention unless triggered.
- Assisting people without knowledge has been achieved by developing a web-based application which does all the basic works with a simple click on GUI developed using Django which triggers scripts at the backend and returns the output making a black box for the opposite person.

Highlights/Personal Projects

1. **Promo Mix Modelling for pharmaceutical products (IQVIA Internal)**   **March 2020 – July 2021**

- ROI/MROI Calculation of investment over various Promotional channels and simulations over it
- Mixed Linear Regression with slope/intercept has been implemented for the same.
- **Tech Used**: *Python, Flask, Ray, AWS Lambda, stats-models and mongo*

2. **Hobby Project on Stock Price Analysis using Machine Learning in Python**   **Present**
- To develop a GUI for monitoring a Stock Price within the given time range using various regression techniques and alongside with RNN Models (LSTM) and with the Performance matrix of the model over time.
- Using frameworks such as Sci-kit Learn and TensorFlow to develop the models
- Fetching the data live from NSE website, analysing it and pushing it to frontend
- **Tech Used**: *Python, TensorFlow, Sci-kit Learn and flask*

3. **Audio Processing (NAINA – My Assistant)**   **Present**
- A personal assistant with efficient I/O architecture and analytic engine to perform various tasks
- Capabilities: Wake up Word Recognition, Telegram chat, Question Matching and audio analysis.
- ***Tech Used:** Python, flask, mongo, telegram and TensorFlow.*

Leadership and Volunteer-ship Experience

IQVIA Hackathon Winner 2020

- Stood first place in the All-India Level hackathon by presenting a novel solution to NP Hard Problems using Reinforcement Learning and serverless architecture systems.

IQVIA Hackathon Winner 2019
- Won multiple positions in All India Hackathon of IQVIA conducted by Innovation Council IQVIA
- Stood at 3rd, 5th and 7th places presenting various innovative product prototypes like HR Chatbot, Forecast Plus etc.

Core-**Member & Designer**, Go-Green Forum, MANIT - Bhopal, India   **August 2013 - April 2016**
- Successfully managed a team of passionate eco-supporters
- Managed, organized and participated in various Inter-college, National and International Level Events.

Gamification Virtual Business Game
- An Online Business gaming event, where selling plans are formulated based on each round sale in a virtual programmed environment. Lead the team and won the event at Circle Level.

Certifications/Courses

- Google Cloud Platform Big Data and Machine Learning Fundamentals from Coursera (Big Query, Auto ML) -- link
- AWS Cloud Associate from Cloudacademy
- Machine Learning A-Z™: Hands-On Python & R in Data Science from SuperDataScience via Udemy -- link
- Introduction to Statistics from Stepik -- link
- Intro to Python for Data Science Course from Datacamp -- link
- Workshop in Probability and Statistics from Udemy by George Ingersoll -- link

Academics

Year	Type	Board	Percentage
2012-2016	B. Tech (E.C.E)	Maulana Azad National Institute of Technology (NIT), Bhopal	75.1 %
2010-2012	12th (M.P.C)	Board of Intermediate Education – Andhra Pradesh	93
2009-2010	10th	Central Board for Secondary Education, (CBSE)	9.0

Traits/Hobbies

- Good Quantitative and Analytical Skills
- Gregarious and Enthusiastic
- Good Presentation and Articulation Skills
- Languages Known: English, Hindi, Telugu, and Malayalam
- Loves to explore nature, listening to music, Dancing and reading books.