

## Summary

Result driven Information Technology professional with a good technical expertise and highly motivated to pursue a Master of Science with research focus on advanced technologies.

## Experience:

### Data Science Nanodegree: Udacity

**April 2020 - July 2020**

- Solving data science problems, including how to build effective data visualizations, and how to communicate with various stakeholders.
- Software engineering for data scientists, developed software engineering skills that are essential for data scientists, such as creating unit tests and building classes.
- Data engineering for data scientists, worked with data through the entire data science, from running pipelines, transforming data, building models, and deploying solutions to the cloud.
- Experiment design and recommendations, designed experiments and analyze A/B test results. Explored approaches for building recommendation systems.

### Machine Learning: Digital motives Pvt Ltd (Hyderabad, India)

**April 2019 - March 2020**

- Designed and developed machine learning systems and schemes.
- Proposed solutions and strategies to business challenges.
- Performed statistical analysis and fine tune models using test results.

### Full Stack Developer :Urban Raptors

**July 2018 - February 2019**

- Researching, designing, implementing and managing software programs.
- Develop upgrades for existing applications.
- Monitor quality and performance of applications through testing and maintenance.
- Preparing reports on programming project specifications, activities & status.

### Full Stack Developer: Milestone Tech hub Pvt Ltd (Hyderabad, India)

**June 2016 - Dec 2016**

- Developed web applications using Java, php.
- Tested and fixed bugs or other coding issues.

## Education

**Bachelor of Technology – Information Technology:** Jawaharlal Nehru Technological University, Hyderabad

**Aug 2016 - May 2018**

## Technical Skills

**Working Proficiency:** Python, Pandas, Jupyter, Tableau, R, Machine Learning algorithms.

**Experienced:** C, Java, SQL, Full-stack development, Linux/Unix, Sentiment analysis, NLTK.

**Intermediate:** Scikit-Learn, scipy.

**Beginner:** Amazon, Google Cloud.

## Recent Projects

- **Data Science Capstone:** In the capstone project, I build a distributed machine learning for a user log using spark - the big data technology toolkit. The primary objective was to predict the churning possibilities of every year - [Github Link](#)
- **Disaster Response Pipeline:** I built a data transformation - machine learning pipeline that is capable of curating the class of the messages. The pipeline is eventually built into a flask application. The project includes a web app where an emergency worker can input a new message and get classification results in several categories. The web app will also display visualizations of the data - [Github Link](#)
- **Recommendation System:** I developed a recommendation engine's algorithm with IBM communities articles and user interactions. This project will serve as a prototype of the recommender systems of the article recommendation systems of IBM - [Github Link](#)