

## Experience

### Verizon Data Services India-software engineer

Hyderabad, Telangana

2017-18

- Full stack** developer; built new modules in Verizon's enterprise applications to retrieve large chunks of raw data to be processed, filtered and further presented in a clear and readily understandable format with the help of graphs.
- Slashed data retrieval time by 50% through implementation of techniques such as **Data Indexing, Clustering** etc.
- Enforced greater security measures by addressing problems such as **Cross site scripting, Session Hacking**, etc.
- Worked on automation. Implemented auto categorization of mails through the concept of bucketization using **Pandas in Python**.
- Worked with **GIT** and tools such as **Fortify** and **Jenkins**.

### Technolabs Software Sol Pvt Ltd-Software Developer

Hyderabad, Telangana

2018-19

- Core Java developer**, worked towards implementing new modules in a Mobile point of sale application. Closely worked with the end user to improve functionality and usability.
- Used **restfully services** to implement cross-platform applications.
- Designed** and **presented** presentations on product work flow and functionalities to clients.

## Education

### Rutgers-The state university of New Jersey

New Jersey

2019

- Currently pursuing master in the field of Computer science concentration **Machine Learning**.
- The course work includes subjects such as Massive data mining, Data interaction and visual analytics, etc. Subjects that I am sure will go a long way in helping me as a data scientist.

### GITAM University

Hyderabad, Telangana

2013-17

- Under-graduation at GITAM strengthened my foundation in the field of **Electronics** and **Communication**.
- Gained knowledge in subjects like data structures, object oriented programming, calculus, probability, computer architecture, etc.
- Was selected to intern at **Swan Realtime Network**, a company that specializes in Real-time Telemetry Software to monitor the ground water table. At SWAN I worked on **producing** and **testing Telemetry Modules** to transmit telemetry data using GSM Networks.
- As a part of my summer training program at HP(Hewlett Packard) designed a end-to-end banking interface using **Swing** for the UI, with Java as the backbone and queried data from a **MySQL** database using **SQL**.
- Engaged myself in multiple workshops. Android workshop, Cloud Computing through Azure, AWS workshop to name a few.

## Skills

- Programming languages: Python, Java, C++, C.
- Frameworks: Flask, Struts, Spring.
- Web-Development technologies like: \*HTML, JavaScript, CSS etc.
- Database: MySQL, DB2.
- Machine learning: Pandas in Python.

## Certifications

- Python** certification from MIT(Edx).
- Pursuing Machine learning by Andrew Ng.
- Java** certification from HP.
- **C++** certification from IIT-Bombay

## Works

- A digital presence is of utmost importance, hence worked to build my own website:[www.pothuluru.com](http://www.pothuluru.com). Hosted the website on **Git**. Another website by me: <https://artofcapturing.github.io/>.
- Video Pauser** Using face detection: This software coded in Matlab will pause the video without the need for human interference. For this we used face detection to keep track of the user's face and pause the video in case the user walks away from the device.

## Social Work

- Worked with Rotaract to raise awareness about the benefits of Yoga and physical fitness.
- Actively participated in free educational services. As a part of Rotaract taught math and English at a government school.
- Initiated a collect food and clothes drive to provide for the Kerala flood victims.

## Hobbies

- Avid Reader
- Athlete
- Swimming
- Yoga