

Experience

Rutgers-The state university of New Jersey
New Jersey
2019

- Working on implementing AI and ML in the robotics lab as a research assistant.

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, SQL injection, 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.

Swan Realtime Network-Intern Hyderabad,
Telangana
2015-16

- Implemented 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.

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 Electronics and Communication.
- Worked to gain knowledge in subjects like data structures, object-oriented programming, calculus, probability, computer architecture, etc.
- As a part of my summer training program at Hewlett Packard, designed an 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: Python.

Certifications

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

Works

- Build my own website:
www.bharathreddy.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.

Services

- 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