

A technology admirer, believer of machine learning techniques and a dedicated software engineer.

WORK EXPERIENCE

Software Developer IBM GTS Labs

07/2018 – Present

Bangalore

Project Title

- End-to-End Service Automation using Microservices

Intern IBM GTS Labs

05/2017 – 07/2017

Bangalore

Project Title

- Augmented Automation

Teaching Assistant IIT Guwahati

07/2016 – 05/2018

Guwahati

Courses

- Information Retrieval
- Compilers
- Intro to C/C++

System Engineer Trainee INFOSYS

05/2015 – 10/2015

Mysore

Courses

- J2EE

Intern CDAC

12/2013 – 02/2014

Hyderabad

Project Title

- Dissecting the Secure Socket Layer

EDUCATION

Master of Technology(CSE) Indian Institute of Technology

07/2016 – 05/2018

Guwahati

Courses

- Information Retrieval
- Artificial Intelligence
- Analysis and Design of Algorithm

Bachelor of Engineering(I.T.) IET-DAVV

08/2011 – 05/2015

Indore

SKILLS & COMPETENCIES

Machine Learning

Information Retrieval

Microservices

Docker

Containers

Kubernetes

Python

Goal Oriented

Future Focused

Time Management

PROJECTS

Service Transformation Using Micro Services (07/2018 – Present)

- Automating the business processes using micro-services.
- Created a few nano-service libraries, to be used as building block.
- POC'd few concepts regarding usage of tools in the stack.

Detecting Insulting Hashtags on Twitter

- Cyberbullying is affecting mental sanity of teenagers these days, which sometimes results in some horrifying consequences. Identifying cyberbullying at an early stage might help to prevent them.
- The primary focus of this project is to identify hashtag which is being used to insult/bully.
- Vertex Similarity in the Homogenous graph, Feature Vector Generation, Linear Regression, Classification algorithms are some of the major concept being used.

Augmented Automation

- Built a Cognitive Chat Assistant for data centers using Watson API's for NLP, conversation and data storage, integrated it with slack and hosted it on Bluemix platform.
- It helps Delivery Product Executives analyzing the trends of their business to predict vulnerable areas and hence improving the productivity.
- It also helps system administrators to solve or troubleshoot known issues using SOP's generated from past occurrences of a similar issue.

Planned Event Detection

- Built a primitive application to detect planned events using the News Feeds. The primary focus was on Social Unrest.
- Used several Python based libraries to pre-process the data and topic modeling to identify events related to social unrest.
- Used Stanford's CoreNLP APIs for Name Entity Recognition to identify person, organization, location and date in the article.

ACHIEVEMENTS & CERTIFICATION

Application Driven Configuration of Service Management Tools (06/2020 – Present)

Patent

Scored 99.71 percentile in GATE(CSE)-2016

Data Science Foundations - Level 2

Applied Data Science with Python - Level 2