**Gopi Krishna Srungarapu**

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**OBJECTIVE**



To seek a role in Information Technology industry, which would allow me to work on product oriented software and application specific programming.



**PROFESSIONAL EXPERIENCE**



* Software Developer at **Qvantel:**

[May 17 – Till Date]

**Title** : DBSS

**Team size** : 10

**Technologies** : Python, Django and MySQL.

**Role** : Team Member and Developer(End to End)

**Responsibilities** : API Integrations, Client interaction, Requirement analysis, Handling Database, Individual contributor

* Assistant Systems Engineer at **TATA CONSULTANCY SERVICES (TCS):**

[Nov 14 – May 17]

**Title :** ISABER

**Team size :** 4

**Technologies** : Java, Python, Datastructures, Algorithms.

**Role** : Team Member and Developer(End to End)

**Responsibilities** : Handling multiple GB’s of data day in and day out, Wrote ETL jobs,Read raw data from an ftp server, Validating the data, Process the data, Load into Database and backpacking



**SKILLS**



* Python – Pandas, Beautiful soup, urllib, requests, Django, Flask
* Java – Core Java, collections framework
* HTML, D3JS, JavaScript, SQL
* Data Structures, Algorithms,
* Rest API, Multi-threading
* Google Cloud, Google ML APIs, IBM Watson APIs, Algorithmia APIs



**EDUCATION**



* **Master of Science** [Information Technology] [2012-`14] Jawaharlal Nehru Technological University Hyderabad, Percentage – 80.2.  **Specialization:** Software Engineering
* **Bachelor of Technology** [Information Technology] [2008-`12]

Sagi Rama Krishnam Raju**(SRKR)** Engineering College, Bhimavaram, Percentage – 72.6.

**Courses:** Data Structures, Algorithm, DBMS, Web Development, Operating System



**ACADEMIC PROJECTS**



* **Small Scale Search Engine**

I implemented query information system which involves a set of crawled web-pages. It provides an interface that will display the related URLs for the matched keyword. URLs are provided to user in accordance with page ranks. (**DataStructures,Algorithms, Java**)

* **Engineering Notebook Tool** (Team Size:6, Role : Team Lead)

It is a tool to keep a log of daily user activities or progress in a project (especially for a programmer) for future reference.

(**DataStructures,Algorithms, Java,Multi-threading**)

* **Local Cross platform video sharing application(Both Web and Mobile Application(Android))**(Team Size: 2)

Our application is a cross platform social media tool (like YouTube) where security is of paramount importance.

Guide: Dr. Lynn Robert Carter, Professor in CMU (Carnegie Mellon University), USA.

**(****Multi-threading,Java**)

Source Code for Web Application: <https://github.com/srungarapugopikrishna/WebApplicationSpecialization>

**HOBBY PROJECTS**



* **Paint Application**

It is a paint application very similar to Windows Paint application which is developed using **JavaScript**.

***Demo:*** <https://srungarapugopikrishna.github.io/PaintApplication/Paint.html>

***Source Code:*** <https://github.com/srungarapugopikrishna/PaintApplicationUsingJS>

* **Word Tansen**

This application converts the given text to music. (**JavaScript**)

***Demo:*** <https://srungarapugopikrishna.github.io/AlphabetMusic/index.html>

***Source Code:*** <https://github.com/srungarapugopikrishna/WordAnalyzer>

* **Word Analyzer**

This project aims at analyzing a given word and counting the frequency of words in the English language.

Technologies used: **Python, Flask Framework, D3js, Cytoscape Js**

***Demo:*** <http://wordanalyzer-sgopikrishna.rhcloud.com/>

***Source Code:*** <https://github.com/srungarapugopikrishna/WordAnalyzer>

* **Disaster Management System**

Disaster Management System is a platform to instantaneously tackle disastrous situations and to avoid its adverse impacts. System will provide a step by step measure to the government and **NGO**’s to extend their help. It will monitor the proper allocation of resources .The report generated by the system will later become a tool to provide monetary help to the people affected. The data will be available for the people to find out about their loved ones. (**Java, SQL**)

***Source Code:*** <https://github.com/srungarapugopikrishna/DisasterManagementSystem>

**ACTIVELY WORKING PROJECTS**



* **Random**

Random is a discovery engine that finds and recommends web content,user’s social accounts feed and games to its users.

* **Plug-in for a food app**

This application allows users to select items in a restaurant based on their previous feed.

When a user visits a restaurant he/she is suggested with a list of items that he/she likes in that restaurant, so that user can save both his/her money and time.

* **Youtube FM**

This application is a crowd sourced FM using youtube. (**Html,Javascript**)

**Source Code:** <https://github.com/srungarapugopikrishna/YoutubeFm>



**ACHIEVEMENTS AND EXTRA CURRICULAR ACTIVITIES**



* Attempted to break **GUINNESS BOOK OF WORLD RECORDS** by making a paper bag of size 52˝×48˝ sq ft.
* Secured **FIRST** place in paper presentation on **E-mail based robot control** in Stepcone-11, GMR College.
* Worked as **Joint Secretary** of Computer Society of India **(CSI)**.
* Worked as **Executive Body Member** of Indian Society for Technical Education **(ISTE)**.
* Maintaining a tech blog **www.octopusfunda.com**.

