

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, Developing
 - Assistant Systems Engineer at TATA CONSULTANCY SERVICES (TCS):
[Nov 14 – May 17]
 - 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 backtracking
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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, IBM Watson, Algorithmia
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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
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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. (**Java**)

- **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. (**Multithreading,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**).
 - Founder of **www.octopusfunda.com**.
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