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.
  <u>Guide:</u> 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.
  <u>Technologies used:</u> **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**.