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]
  - ➤ 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. (**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**.