**Gopi Krishna Srungarapu**

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**PROFESSIONAL SUMMARY**



* 5+ years in software engineering, with experience in analyzing, designing, implementing, troubleshooting.
* Possess an in-depth knowledge of backend architecture required for modern web-scale applications.
* Repeatedly recognized as a fast learner and executor, meeting critical deadlines by managing technical debt effectively.



**PROFESSIONAL EXPERIENCE**



* Software Developer at **Turtlemint**:

[Dec 19 – Till Date]

* Part of Motor team
* Creating a recommendation algorithm in the insurance domain which suggests the best insurance match for a given vehicle as per the user requirements.
* Software Developer at **VMWARE:**

[July 18 – July 19]

* Responsible for creating parsers, verifiers and rules on NSXV components
* Enabling features with different set of topologies which are delivered from real world deployments.
* **Skills**: Python, NSX, Virtualization, Networking

* Software Developer at **Qvantel:**

[May 17 – July 18]

* Created a new system for customer care executives to query and fetch results from the existing data.
* **Skills**: Python, Django, Flask and MySQL
* Assistant Systems Engineer at **TATA CONSULTANCY SERVICES (TCS):**

[Nov 14 – May 17]

* Handled multiple GB’s of data day in and day out.
* Wrote ETL jobs for reading raw data from an ftp server, validating and processing the data and loading into the database.
* **Skills**: Java, Python, Data Structures, Algorithms



**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 a 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 users 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.

**(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>

* **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 **NGOs** 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>

