Gopi Krishna Srungarapu

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PROFESSIONAL SUMMARY

- 6+ 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.
  - → **Skills**: Python, Django, Microservices, Algorithm Designing, Java, Spring

- 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