

Ramanjaneyulu Thadikamalla

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Summary

- A progressing **full-stack software developer**, pursuing master's in computer science.
- Around **18 months** of professional work experience as a Software Engineer.

Education

California State University, Long Beach

Aug 2022 – Dec 2023 (Expected)

Master of Science, Computer Science

CMR College Of Engineering And Technology, India

Aug 2016-may 2020

Bachelor's in Computer science (**CGPA: 8.56/10.0**)

Technical Skills

- **Languages:** C, C++, Python , Java, Javascript ,
- **Databases:** Oracle, MySQL.
- **Web Technologies:** HTML, CSS , React
- **Operating systems:** Windows, mac os
- **Cloud computing platform:** GCP
- **Tools:** Talend , IntelliJ

Work Experience

Software Developer | Capgemini Private Limited, India

(Feb 2021 – Aug 2022)

Data Replatform(GCP,Python):

- Converting the code in **4GL** to python. Reading data from multiple files stored them in **GCP Big-Query tables** through **python**.
- Responsible for assisting in the data analysis and cleaning of complex data for quality. Writing the necessary big query queries needed to include in python code.
- Need to make transformations for data as per the Business Rules.
- Writing scripts to validate the data before storing the data in tables to avoid any quality issues in the collected data.
- Finally, data is sent to GCP Bucket in the form of **CSV** files.
- Running daily, weekly and monthly reports for clients.

Academic Projects

Intelligent Health Checker(IOT,Machine Learning):

- Developed a prototype model that should be periodically monitored for old age patients and their health status must be checked from time to time.
- This system puts forward a smart patient health tracking system that uses Sensors to track patient's health conditions.

Pixel-based calculation of crop type statistics(Python, PyQt tool, PyUIC module)

- Developed a graphical user interface (**GUI**) with the **PyUIC** module, the Python image Processing library (**Pillow**), a pixel-based segmentation algorithm, and an image cascading algorithm.
- This interface aids in the monitoring of crop type statistics and is useful in determining a country's import requirements.

Achievements:

- won best award during "**Smart city Hackathon**" conducted by "**TITA**" and "**NASA SPACE APPS CHALLENGE**".
- Completed udemy course on "**AI for everyone**".
- Organised **paper presentation** during the technical fest in undergraduate.
- I held the position of **Teaching Assistant** for python course at our undergrad institution for two years and received best teaching award by College Dean.

Declaration

I acknowledge that all the information in this resume is genuine to my knowledge.

Ramanjaneyulu Thadikamalla