




Hemanth Ramireddy

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About Me

I am a diligent and an avid learner looking forward to the next phase in my academic journey where my learnings will consist of an increased focus on the strategic and data-driven goals that bring to fruition enhanced business value.

Professional Experience

- | | |
|---------------------------------------|--|
| 08/2021 – present
Hyderabad, India | Business Analyst, Uber  <ul style="list-style-type: none">Analyze and query large amounts of data in SQL and create intuitive dashboards for the stakeholders to make data-driven decisions to drive the company's growth.Update key day-level metrics through the use of Google Sheets Automation using Python to have up-to-date data on the real-time Dashboards.Create robust data pipelines to generate insights faster and decrease the turnaround time for the stakeholders to make optimized business decisions. |
| 06/2019 – 08/2021
Hyderabad, India | Systems Engineer, Tata Consultancy Services  <ul style="list-style-type: none">Part of the NextGen R&D Team.Responsibilities include working on Proof of Concepts on emerging technologies in the Center of Excellence to align the technologies to the business needs of the clients.Worked on an Autonomous Robot using ROS (Robot Operating System), Computer Vision and Machine Learning.Implemented a PoC to prove the capabilities of EdgeX Foundry, which is an IoT standardization framework for protocol-agnostic device control. |
| 01/2019 – 03/2019
Hyderabad, India | Systems Engineer Intern, Tata Consultancy Services  <ul style="list-style-type: none">Simulation of a robot that has the ability to navigate autonomously on Gazebo, a simulation software.Worked on the perception module of a robotic application. Designed the robot and assembled the hardware. |

Education

- | | |
|---------------------------------------|---|
| 08/2015 – 04/2019
Hyderabad, India | B. Tech in Electronics and Communication Engineering,
<i>VNR Vignana Jyothi Institute of Engineering and Technology</i> |
|---------------------------------------|---|

Skills

- | | |
|---|--|
| Python ● ● ● ● ●
Data Visualization, Data Wrangling, Machine Learning | SQL ● ● ● ● ● |
| Google Cloud Platform ● ● ● ● ●
BigQuery, DataProc, DataFlow, Pub/Sub | Exploratory Data Analysis ● ● ● ● ●
Excel, Pandas, Numpy, Streamlit, Matplotlib, Plotly, Bokeh |
| Data Engineering ● ● ● ● ●
PySpark, Hive, Pig, BigQuery | Web Scraping ● ● ● ● ●
BeautifulSoup, ParseHub |

Portfolio Projects

Google's Mobility Dataset Dashboard,

Dashboard to provide an interface to Google's Mobility dataset in the wake of the COVID-19 Pandemic. [↗](#)

- Built a web app using streamlit framework to compare the changes in the mobility of the population and deployed on Heroku.
- Purpose of the report is to see the changes that have occurred with the policies being implemented to combat COVID-19.
- Movement trends across multiple geographies upto the county/city level in multiple sectors such as workplaces, groceries and pharmacies etc.

Indian Premier League Exploratory Data Analysis,

A bar chart race built with Matplotlib for the highest run scorers in the IPL since the inception. [↗](#)

- Used the Python BeautifulSoup web scraping library to scrape the runs scored by players in the league.
- Cleaned the data and performed exploratory data analysis to finally build a bar chart race using matplotlib animation.

Interactive Dictionary Using Python

- The input from the user is matched with all the keys in a json file and the right meaning is returned to the user.
- Also can scan for any close matches for the incorrectly typed input from the user and recommend words.

Instagram Bot

- Built an instagram page that hosts curated intuitive charts from popular newsletters, blogs, subreddits etc. that have a data visualization component.
- Implemented a Python script using InstaPy Python library that engages with audience that follow similar pages in order to increase the exposure of the page and gain new followers.

Certifications

- Data Scientist - DataCamp [↗](#)
- GCP Certified Data Engineer [↗](#)
- Python - Hackerrank [↗](#)

Organisations

09/2017 – 08/2020
Hyderabad, India

Youth For Seva, Region Coordinator

- Youth for Seva is a nationwide volunteering movement that inspires youth to volunteer & provides them with meaningful opportunities to serve the community.
- As one of the region coordinators, I shared the responsibility of sourcing volunteering opportunities in my region and helping make their execution smooth.

10/2015 – 11/2017
Hyderabad, India

Convergence, Student Coordinator

- Convergence is VNR VJIT's annual technology fest with opportunities to attend workshops, participate in competitions or events and showcase your projects.
- Led the workshops team and conducted workshops on IoT, Machine Learning, Data Science, etc.