VIJAY GHANAPAATI

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SUMMARY

Passionate about combining my data analysis and leadership skills to lead businesses towards success and growth. Achieved business process excellence by performing effective analysis on available data using Python. Headed cross functional teams to successfully complete projects to improve business operations in a dynamic start-up environment as well as in a well-established operations environment.

TECHNICAL SKILLS

Tools: Python, Pandas, JavaScript, R, HTML, CSS, Tableau, VBA, Scikitlearn, PySpark
Databases: SQL, PostgreSQL, MongoDB, AWS, TensorFlow and Machine Learning

PROJECTS

CineMetric – A Review Sentiment Prediction Webapp 11th Jul 2020 – 25th Jul 2020
| https://cinemetric.herokuapp.com/ |
- Web scraping (Box Office Mojo) using Beautiful Soup in Python
- Created and trained Machine Learning model for Sentiment Analysis using a linear SVM model and connected it to Flask API End Point.
- JavaScript Visualizations with Plotly, D3.js and a Tableau Dashboard
- Deployed the website on Heroku.

Airbnb - An Exploratory Data Analysis (Canada Region) 7th Mar 2020 – 21st Mar 2020
| https://github.com/vijay-mygit/Airbnb |
- Data Analysis of the Canadian Airbnb market with in-depth analysis of the provincial market.
- Developing the source code, observe and report the findings of the data analysis.
- Used tools such as Python, Pandas, Jupyter notebook and Matplotlib.

Web Designing to visualize weather analysis 4th May 2020 – 11th May 2020
| https://vijay-mygit.github.io/Web-Design-Challenge/ |
| https://github.com/vijay-mygit/Web-Design-Challenge |
- Data Analysis and visualization of the weather parameters of more than 500 cities across the world.
- Developed the website to visualize and report the findings of the data analysis.
- Used tools such as HTML, CSS, Python, Pandas, Python API and Matplotlib.

ETL Project to understand if the income level of the country, which the artist belongs to has any relation to the probability of winning an Oscar. 12th May 2020 – 25th May 2020
| https://github.com/vijay-mygit/ETL-Project |
- Extract Data - The data was obtained from 3 different sources
- Transform Data - All the transformations were completed using python in a Jupyter Notebook using Pandas.
- Load Data - Loaded the dataframes from pandas into postgres SQL by establishing a connection.

Project Manager   May 2017 – Dec 2019
The Handyforce Corp   Toronto, ON
Initiate, plan, execute and close ongoing projects for the company; perform Schedule
management, Cost management, Data management, Quality management and Change
management.
Key Accomplishments:
 ● Completed more than 100 small and medium sized projects successfully for the
   company.
 ● Increased the company's overall rating by 7% within 2 years.

Subject Matter Expert   Jun 2016 – Aug 2017
Gatestone & Co. Inc   Toronto, ON
Prepare, Analyze and submit Daily, Weekly and Monthly team performance reports to the
manager for Review using Excel or SharePoint.
Key Accomplishments:
 ● Awarded Top performer in the team for 2 consecutive quarters.
 ● Trained customer support reps to improve individual and team performances.

Assistant Project Manager   Jun 2014 – Jan 2016
Coraza Technologies Pvt Ltd   Bangalore, India
Mentor and manage a group of 5 Team Leaders and their teams to achieve process excellence.
Meet stakeholders and review performance of the Chat operations team and optimize processes
in a Start-up environment. Ensure that the Team Leaders adhere to the KPI set forth.
Key Accomplishments:
 ● Conceptualized and implemented a Performance Improvement Plan for the operations
   team. Used Python and SQL to analyze and automate team data.

Proprietor (Head of Operations)   Dec 2010 – Dec 2013
Sai Solutions India   Bangalore, India
Instrumental in planning and setting up an outsourced contact center in India for a client in Texas.
Responsible for retention of existing clients, stakeholder management and conflict resolution.
Responsible for executive escalations, achieving SLA and maintaining KPIs.
Key Accomplishments:
 ● Successfully hired and trained the pilot batch for the operations team and analyzed their
   daily performance.

EDUCATION

Data Analytics Certificate: University of Toronto, Toronto, ON.   Jan 2020 – Jul 2020
Program Summary: A 24-week intensive program focused on gaining technical programming skills in
Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.
Post Graduate Diploma (Business Analysis and Project Management),
Toronto, ON, Canada   Aug 2016 – Aug 2017
Master's Degree in Mechanical Engineering, **University of Texas**
Arlington, Texas, USA   Sep 2007 – May 2010
Bachelor's Degree in Mechanical Engineering, **VTU University**
Bangalore, India   Sep 2001 – May 2005

CERTIFICATION

Certified Associate in Project Management (CAPM) ®, Project management institute PMI
Toronto, Canada   Apr 2019 – Apr 2024