

# Harikrishna S Pillai . Jarvis Consulting

The world is full of cluttered information. The solution to majority of the problem lies amidst the data. I can pull out relevant data to make informed business decisions. Afterall, Business is all about solving problems, Solutions comes from smart decisions and those smart decisions can be made by analysis.

## Skills

**Proficient:** Linux/Bash, RDBMS/SQL, Agile/Scrum, Git, Docker

**Competent:** Python, Tableau, MS Excel, Dart, Objective C

**Familiar:** C++, JavaScript, Hadoop, Spark, HTML

## Jarvis Projects

Project source code: [https://github.com/jarviscanada/jarvis\\_data\\_eng\\_HarikrishnaSPillai](https://github.com/jarviscanada/jarvis_data_eng_HarikrishnaSPillai)

**Linux Cluster Monitoring Agent** [GitHub]: The monitoring agent does the job of actively keeping an eye on the usage statistics which helps in effective resource management. This is possible with help of several different technologies working in tandem. The monitoring agent works on each node inserting values every minute from the node into postgres SQL database which mounted on a container using Docker.

**Core Java Apps** [GitHub]: In Progress

**Springboot App** [GitHub]: In Progress

**Python Data Analytics** [GitHub]: In Progress

**Hadoop** [GitHub]: In Progress

**Spark** [GitHub]: In Progress

**Cloud/DevOps** [GitHub]: In Progress

## Highlighted Projects

**Employee Trends of Salary, Gender Equality** [GitHub]: The project involves efficient use of DML to extract insights from thousands of records to showcase how metrics like age, gender equality and salaries have progressed through years. The data which was extracted was visualized using Tableau.

**Real Time Parking Spot Detection** [GitHub]: Designed and Developed a system where Raspberry Pi works with TensorFlow to calculate the number of parking spots available, the data thus obtained is sent to users with Firebase and a Flutter app(Google Auth and Map API) on the client side

## Professional Experiences

**Software Developer, Jarvis (2021-present):** Designed and Developed BashScripts to run with Postgres database Image and Docker Engine

**Product Analyst, BSC Global (2020 -2021):** 1. Delivered quality reports on a biweekly basis using MS excel and Power BI to stakeholders to showcase the improvements made by the department 2. Prepared an informative dashboard for the logistics department which increased productivity by approximately 10% 3. Improvised the current SOP which increased the productivity by 25% with almost similar or decreased human effort 4. Test and Diagnose products with proper documentation to help organize inventory

## Education

**Centennial College (2018-2020),** Post Graduate Diploma, Electronics Engineering - Executive member of IEEE School Board - GPA: 3.8

**Mahatma Gandhi University (2012-2016),** Bachelors in Technology, Electronics & TeleCommunications Engineering - GPA: 3.7

## Miscellaneous

- Udemy Advanced SQL
- 100 days of Python Coding
- IEEE Student Volunteer in year 2018
- STEM workshop for High School Students
- Soccer Player
- Reading Non-Fictional Books