

# Gozde Arslan . Jarvis Consulting

A hardworking and passionate data engineer. I want to apply my enthusiasm, superb analytical thinking, strong problem-solving skills and previous experience to provide best solutions for my employer.

## Skills

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

**Competent:** C/C++, Java, HTML, ERD, Ms Office, MongoDB

**Familiar:** Python, R, Spark, Power BI, Java Script, Statistics

## Jarvis Projects

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

**Cluster Monitor** [GitHub]: Created solutions in the creation of infrastructure for the Jarvis Linux Cluster Administration(LCA) team in regards to server host monitoring. This infrastructure assists the team in examining host statistics and data usage. The monitoring agent servers will run on CentOS 7 and will save host data (hardware specifications and resource use data) into the (RDBMS) Postgres Database every minute(Crontab). The LCA (Jarvis Linux Cluster Administration) team will be able to help servers in need by having records of each node and node monitoring systems

**Core Java Apps** [GitHub]:

- Twitter App:
- JDBC App: Implemented java database connection application enables a connection between a Java program and a relational database management system (RDBMS).It uses DAO and Repository architectural patterns, as well as certain advanced JDBC principles.
- Grep App: created application to search matching strings within the files by using grep commands.The grep commands will be able to read and write the files in the file directory.Searching the patterns that is done by regular expressions write the results to an output file in the root directory.

**Springboot App** [GitHub]: Not Started

**Python Data Analytics** [GitHub]: Not Started

**Hadoop** [GitHub]: Not Started

**Spark** [GitHub]: Not Started

**Cloud/DevOps** [GitHub]: Not Started

## Highlighted Projects

**Web app for Movie Streaming** [GitHub]: Suspendisse a tincidunt odio. Suspendisse posuere luctus aliquet. Quisque magna tellus, tempor vitae arcu sed, volutpat scelerisque lacus. Aliquam varius pulvinar dapibus. Ut a tincidunt sem. Aenean sollicitudin fringilla erat ut imperdiet. Phasellus fermentum, enim vitae laoreet elementum, eros nisl hendrerit lorem.

**Machine Learning:** Suspendisse a tincidunt odio. Suspendisse posuere luctus aliquet. Quisque magna tellus, tempor vitae arcu sed, volutpat scelerisque lacus. Aliquam varius pulvinar dapibus. Ut a tincidunt sem. Aenean sollicitudin fringilla erat ut imperdiet. Phasellus fermentum, enim vitae laoreet elementum, eros nisl hendrerit lorem.

## Professional Experiences

**Data Engineer Associate, Jarvis Consulting Group (2021 - present):** Donec mattis sed justo et sagittis. Vestibulum lacinia nulla ipsum. Curabitur imperdiet nibh vitae leo lacinia laoreet. Nullam accumsan, lectus ut maximus ultricies, augue justo egestas mi, vel bibendum felis.

**Project Data and Method Engineer, Jantsa Wheel Industry (2016 - 2018):** Analyzed product data to create a new system automation project associated with production requirements. Using excel formulas, tables, graphs, and macros, over 1500 products data were retrieved from ERP software into MS Excel to manage deviation and data regulations.Data components were used, product time measurements were taken, and statistical process control analysis was performed

(SPC). On the based products, 70% of data variances were eliminated. Results and evaluations were presented to the project team as well as the managers, and an executive summary describing the values was written as required. Productivity was increased by 20%.

## **Education**

**Seneca College (2020-2021)**, Diploma of Applied Sciences, Computer Programming - Scholarship - Dean's List (Summer 2020): GPA : 4.0/4.0 - GPA: 3.7/4.0

**Kutahya Dumlupinar University (2010-2014)**, Bachelor degree of Engineering, Industrial Engineering - Scholarship - Dean's List (Summer 2020): GPA : 4.0/4.0 - GPA: 3.7/4.0

## **Miscellaneous**

- Problem Solving Techniques (2017)
- Team- work training (2017)