

# Visa Shan . Jarvis Consulting

I am a data engineer and I enjoy solving complex problems. My journey into the software industry began in high school when I decided to take a coding course and discovered that I love to be challenged mentally and apply my skills instead of learning through methods that focus on just retaining and regurgitating knowledge from books and documents. From there I pursued my passion and my education, graduating from Seneca College in 2023 in Computer Programming and a Software Development Bootcamp at Brainstation. In my spare time, I work as a freelance programming tutor, helping college and university students with their assignments.

## Skills

**Proficient:** Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git, Python, HTML & CSS, Javascript, Front-end Frameworks (React), Back-end Frameworks (Express.js, Node.js)

**Competent:** Cloud Platforms (AWS, GCP), Typescript, C++, Docker, Bash/Shell

**Familiar:** C, Lua, Visual Basic, PHP, Powershell

## Jarvis Projects

Project source code: [https://github.com/jarviscanada/jarvis\\_data\\_eng\\_\\_\\_VisaganShan/](https://github.com/jarviscanada/jarvis_data_eng___VisaganShan/)

**Cluster Monitor** [GitHub]: Implemented a monitoring agent that can track the hardware specifications and resource usage of machines in a Linux cluster and store the data inside a database. This monitoring agent is programming using technologies such as Bash, Docker, PostgreSQL, and Git and is tested using virtual machine instances running Rocky Linux 9 on the Google Cloud Platform(GCP).

**Core Java Apps** [GitHub]:

- Twitter App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.
- JDBC App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.
- Grep App: a command-line utility that searches for a text pattern recursively in a given directory, and outputs matched lines to a file. Implemented using Core Java and its features such as Lambda, Stream and Regex and imported IO classes. Deployed using a fat JAR file, turned into a Docker Image and containerized the application.

**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

**Gym Junkie - Website** [GitHub]: Conceptualized, strategized, and implemented a comprehensive full-stack application that allows users to find, manage, and create workouts that cater to users needs. Gym Junkie was made using the following tech stack: React and SASS for the front end and Node/Express backend API with JWT for auth, and Knex to query a MySQL database.

**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

**Software Developer, Jarvis (2024-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.

**Tutor, SuperProf (2023-present):** Provided one-on-one tutoring sessions to students to help them grasp complex programming concepts, troubleshoot programming errors and debug code. Languages and frameworks worked with include: HTML, CSS, Javascript, React, Python, Django, Flask, C++, and C.

**Sales & Communications, Wireless Wave / Glentel Inc. (2022-2023):** Utilized excellent communication and teamwork skills to foster collaborative environments and achieve successful outcomes. Demonstrated a strong work ethic, consistently meeting project milestones and delivering results within designated timeframes.

## Education

**Seneca Polytechnic College (2019 - 2023),** Diploma in Computer Programming, N/A - Graduated with honours (2023) - GPA: 3.7/4.0

**Brainstation (2023),** Software Development Diploma, N/A - Graduated with distinction, achieving a cumulative grade of 92 percent.

## Miscellaneous

- Intro to Cloud Computing (2024)
- Developing Front-End Apps With React (IBM, 2024)
- Developing Back-End Apps with Node.js Express (IBM, 2024)
- Developing AI Applications with Python and Flask (IBM, 2024)
- Python for Data Science, AI, and Development (IBM, 2024)
- Fitness / Weight Lifting
- Car Repair and Modifications
- Self-Improvement