

# Catalina Galan Vargas . Jarvis Consulting

I am a deeply curious individual and a dedicated lifelong learner. With a background in the arts and music, I earned my bachelor's degree in Music Composition, graduating with Great Distinction. In 2023 I successfully completed a Web Development bootcamp and have been continuing to learn and collaborate in projects ever since. Fascinated by both the arts and sciences, I continually seek opportunities to challenge my abilities and foster intellectual growth. My interest in software development stems from a strong desire to expand my knowledge and pursue a new, challenging career path. I am enthusiastic about the future of this journey and am eager to grow and excel in this industry.

## Skills

**Proficient:** Ruby, Ruby on Rails, HTML/CSS, Tailwind, Agile/Scrum, Git/GitHub

**Competent:** SQL/PostgreSQL, Java, Linux/Bash, Python, JavaScript, Docker

**Familiar:** Maven, GCP, AWS, React, Kubernetes, C

## Jarvis Projects

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

**Cluster Monitor** [GitHub]: The Linux Cluster Monitoring Agent app is designed to record hardware specifications and usage information from multiple nodes in a Linux Cluster. It collects usage data from each node in real time and stores it in a RDBMS. The app was created for the Jarvis Linux Cluster Administration (LCA), to manage a cluster of 10 nodes internally connected through a switch. The team needs to record information and track the usage of each machine in the network.

**RDBSM and SQL** [GitHub]: SQL (Structured Query Language) is a specialized language widely used when handling data. The objective of this project is to practice SQL and RDBMS by solving SQL queries.

**Core Java Apps** [GitHub]:

- **Grep App:** This Java app mimics the functionality of the Linux command 'grep', which is used to search for a string or regex pattern within a file and returns all lines that contain the match. This app is designed to be run directly in the command line, outputting the results to a given file.
- **JDBC App:** TBD

## Highlighted Projects

**Frontrow** [GitHub]: Frontrow is a social platform where fans can find, rate and review concerts, as well as interact, follow and connect with other fans. This was the final team project at Le Wagon bootcamp. It was developed in a two week sprint. As a participant in this project I collaborated in building the back-end and databases, created front-end elements and implemented the chat feature in its entirety.

**My Portfolio** [GitHub]: This website was developed as a personal project to showcase my work. It is a fully responsive website built from a single page template and transformed into a rails app with a PostgreSQL database. I have modified and restructured the original open source code to support my needs and preferences, creating new features such as show pages for my projects.

## Professional Experiences

**Juio Software Developer, Bellow Media (2023 - July 2024):** Contributed in building a new SaaS software solution application with Bullet Train and Ruby on Rails. Implemented multiple project features and worked in frontend with Tailwind.

**Tattoo Artist, Studio Artease (2016 - 2023):** Specialized in designing and executing custom ornamental detail oriented blackwork designs, working one on one with hundreds of clients. Managed independent business as an artist, working on schedules, finances, certifications, client communications and bookings. Created a professional brand and strong online presence with over 1500 followers on Instagram @galantattoo and participated successfully in multiple conventions in Chile and Canada.

**Composer, Sound Designer and Orchestrator, Independent (2018 - 2022):** Composed and orchestrated original music. Winner of Concordia Composition Competition, 'Transition' premiered at Oscar Peterson Hall in March 2018.

Composed and produced scores for short films and dance performances, and wrote string arrangements collaborating in projects with other musicians, choreographers and directors.

## **Education**

**Concordia University, Montreal (2017-2020)**, Bachelor of Fine Arts, Specialization in Music Composition, Music Theory and Composition - Campaign for the New Millennium Scholarship - Ruth Leith Award in Classical Music Performance - Graduated with Great Distinction. - GPA: 4.14/4.30

## **Miscellaneous**

- Udacity Machine Learning (2019)
- Winner of the Concordia Composition Competition in 2018.
- Member of OPCM classical choir. Contraalto voice.
- Was a member of the organizing committee for the Women in Music Conference in Concordia University, 2018.
- Volunteered as a band coach for Rock Camp Montreal in 2021, a summer camp for female and non-gendered youth.