

# Kishor Sivapalan . Jarvis Consulting

Hello, my name is Kishor! I completed my Bachelor's of Engineering degree in Computer Engineering at York University. When I was younger, I had a tendency to build and create things, while also looking at how things are designed. Once my parents introduced me to my first game console, I realised that I wanted to pursue something in the technological field. I wanted to be able to solve real world problems using software which led me down the path to Jarvis. At Jarvis, I worked on several software development projects such as a Linux/SQL resource monitor, and a Java clone of the "grep" command in Linux. In doing these projects, I hope to further my career in either full-stack development or quality assurance, with an added interest in project management.

## Skills

**Proficient:** Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git, Data Structures

**Competent:** HTML, CSS, JavaScript, Docker, Maven, IntelliJ IDE, Eclipse IDE, NetBeans IDE

**Familiar:** MATLAB, C, Python, Node.js, React

## Jarvis Projects

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

**Cluster Monitor** [GitHub]: Developed and deployed a monitoring agent that records hardware information and resource usage data from a node in a cluster. Project was created using the Linux CLI, Bash scripts, PostgreSQL, Docker and the IntelliJ IDE.

**Core Java Apps** [GitHub]:

- **JDBC App:** Developed and tested a Java app that uses the JDBC API and a DAO design pattern to be able to perform CRUD operations on a database. Project was created using PostgreSQL, Maven, Docker, and the IntelliJ IDE.
- **Grep App:** Developed and deployed a Java app that mimics the functionality of the 'grep' command in Linux. Project was created using the Linux CLI, Maven, Docker, and the IntelliJ IDE.

## Highlighted Projects

**Arm & Leg Robotics for Neuro-Rehabilitation:** Created a design for Arm and Leg Robotics to support Neuro-Rehabilitation. Detailed a Final Documentation which described the product, its purpose, its functions, and the project management aspects of the project. Project was conducted using agile methodologies in a team of 7.

**SmartShoppers System:** Developed a shopping system application using NetBeans IDE; a MySQL server was used for backend development. Detailed a Software Specification document which described the software, its purpose, and its functions. Project was conducted using agile methodologies in a team of 5.

## Professional Experiences

**Software Developer, Jarvis (2022-Present):** Designed, tested, and deployed various software projects using Agile and GitFlow methodologies. Other technologies used include: Docker, Maven, Linux/Bash scripting, PostgreSQL, and the IntelliJ IDE. Lead and contributed to daily scrum meetings during each sprint cycle. Performed Master Code Review sessions with a senior developer to verify code quality and background knowledge.

## Education

**York University (2015-2020),** Honours Bachelor of Engineering, Electrical and Computer Engineering - GPA: 3.5/4.0

## Miscellaneous

- Sports/Athletics/Fitness
- Competitive/Casual Gaming
- Game Development
- Poker/Chess/Board Games
- Film/TV