

# Barsha Layo Magar . Jarvis Consulting

I am a recent graduate from Conestoga College. I have a Post Graduate degree in Information Technology and Business Analysis. I did Bachelor in Computer Science and Information Technology. After the graduation, I started working as a Social Media Analyst for over two and half years in Nepal. My responsibilities were to handle Public Relation with clients and customers. It involved managing communication between company and public that'd help public perception's towards company. My other major tasks included planning strategies for the campaigns, organizing promotion events for the brand. I have experience dealing with client requirements, analyzing social media coverage of business. However, I wanted to enhance my professional growth with deep level understanding of Information Technology Management. Based upon my past work experience, I realized to advance my career in expert level, Business System Analyst is the next step for my career. Currently, I have joined Jarvis as a BSA where I got to work on different projects that helped me improve my technical skills such as SQL query, RDBMS, Python, etc required for this role. My experience working with wide range of data analysis technologies in an agile/scrum framework helped to build my skills. Now, I want to leverage my experiences I have received and get hands-on BSA experience starting from an entry-level role.

## Skills

**Business Skills:** Documentation, Requirement Elicitation, Agile/Scrum, Communication, Team work, Conflict resolution, Leadership, Time management

**Technical Skills:** RDBMS/SQL, Excel, Visio, Linux, Python, Git

## Jarvis Projects

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

**Linux Cluster Resource Monitoring App** [GitHub]: Linux/SQL project is about designing & implementing the business needs of LCA team who are Jarvis Linux Cluster Administrator team. The BRD of LCA team includes requirement of recording the hardware specifications of each node. The SRD of LCA team includes an MVP that is needed to be designed for the team to meet their business need. The implementation of the program is done through Linux command lines, Bash scripts, PostgreSQL, docker, IDE and dbeaver. This project uses Scrum approach. Github is used as a host for repositories to manage project releases. Bash scripting language is used for main script development. The overall system is set up and running on Centos 7 in a remote desktop hosted by Google Cloud Platform.

**Python Data Analytics** [GitHub]: The project was about delivering analytical result via solving business queries of LSG. Our team was responsible for delivering a proof of concept (POC) project that helps the LGS marketing by analyzing customer shopping behaviour due to lack of growth in their revenue in recent years. In addition to the issues, LGS lacked enough IT resources to tackle the problem. So, with the help of our analytical services, we'll be helping LGS to develop marketing strategies through our analytical reports. The main tools were Python, Jupyter Notebook, Pandas Dataframe, and Numpy for the PoC project. As a Junior developer I was responsible to solve LGS business queries. I used dbeaver to work on the sql queries for LGS. I ran Jupyter notebook on my remote environment using docker in my desktop. the analytic result will be delivered to LGS via Jupyter Notebook and Github.

## Highlighted Projects

**Web app for rental platform** [GitHub]: Developed a website named Easy Rental in a group project. It was designed for rental purpose acting as a common platform for the user. The website focused on renting clothes especially party wear. Designed the User Interface of the website from mockups to functionable prototype using Adobe XD.

**Mobile app for expense management** [GitHub]: Designed mobile application named Expense Track. The application focused on managing the monthly expense of user. The user interface was designed on Adobe XD. The application was designed to generate monthly report of the user's expense based upon the user's input into the application.

## Professional Experiences

**Business System Analyst, Jarvis (2022-present):** - Implied Agile methodology to generate solution for the sprint backlog, - Implemented new technologies & languages for the project completion - Strengthened technical skills such as RDBS/SQL, LINUX with technical sessions - Improved time management, communication skills with behavioural sessions

**Social Media Analyst, Sherpa Outdoor - KTMCTY (2019-2020):** - Performed social media analysis with SNA tools - Analyzed social media coverage of company - Planned strategies and campaigns for the brand - Maintained Public

Relation as a communication handler with customers & clients requirements - Decision making for selection to deploy the final product after analysis - Utilized social media platforms' content strategy to manage a company's public interactions

## **Education**

**Conestoga College (2021-2022)**, Post Graduate in Information Technology Business Analysis, Workforce Development, Continuing Education & Online Learning - GPA: 3

**Tribhuwan University (2013-2017)**, Bachelor of Science in Computer Science & Information Technology, Central Department of Computer Science & Information Technology. - GPA: 3

## **Miscellaneous**

- Trying new recipes on day-off
- Attending social events
- Exploring new places