Sanjukta Choudhury . Jarvis Consulting

I graduated with mathematics honors and have a master degree in Computer Application and recently acquired Data Analytics Certification. I started my career as a Software Developer where I worked for 3.5 years and currently working as Business System Analyst at Jarvis. Experience with coding along with strong analytical skills, I interacted with prospects, stakeholders, and customers to understand business requirements, scope, develop, and deliver quality solutions in the domain of integrated ALM. I was always passionate about numbers and statistical analysis and utilize it to find new insights not only professionally but in every aspect of life. Having an eye for details and a strong quantitative background, I am excited to combine my previous Software Developer experience with newly acquired Data Analytical skills to enable data decisions making at scale.

Skills

Business Skills: Dedicated team player demonstrating initiative and independence, Excellent communication, organizational and interpersonal skills, Excellent time management skills and the ability to manage multiple assignments, Reliable, consistent, flexible, and adaptable

Technical Skills: RDBMS/SQL, C#, PostgreSQL, Python, Flask, Heroku, LINUX/Bash, Data Modeling/Mapping, Data Analytics, Microsoft Excel, Microsoft PowerPoint, Tableau, TFS, Github, HP-QC, HP-ALM, Kovair ALM, Rally, RQM, RTC

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_SanjuktaChoudhury

Linux Cluster Resource Monitoring App [GitHub]: Developed a linux cluster monitoring agent to track the hardware usage in a data center for several planning purpose. In this project, elicited the technical requirements, created the BRD and SRD documents defining the project scope, stakeholders, functional and non functional requirements with system sequence diagrams. For development, CentOS 7 was used for development/testing, and Docker was used to run the PostgreSQL instance that stores the host machine's. The source code management was done with GitFlow, which is a branching model, and GIT. Each host has two bash scripts, and to start the monitoring program, a docker container should be running and the table should be created. Testing was done by executing each script and checking if the result meets requirements to ensure that every script runs without issues.

BSA Project [GitHub]: Created an SRD for an online trading application. In this project developed an SRD document for a bank who wants a new online trading application for stockbrokers. Worked with clients for requirement gathering and analysis. Developed the project document with proper architectural diagrams for the developers to understand. Created the data modeling and ER diagrams for the database team.

Hadoop [GitHub]: Not Started

Highlighted Projects

IMDB Data Analysis for Future Investment [GitHub]: Used Microsoft Excel for analysis. Collected the IMDB data set from Kaggle. Cleaned the data set. Analyzed and Visualized through a series of interactive tableau dashboards that focused on identifying the top Genres, Actors and Directors over the past 2 decades with respect to revenues and profits for the Studios to make a strategic decision regarding Production and Financing. Created a Tableau Story with executive style of presentation.

Credit Card Customer Attrition Analysis [GitHub]: Customer Churn (Customer attrition) is the most challenge problem for business such as credit cards or banking companies. To find the potential Churning Customers performed analysis on the Credit Card Customers dataset using Python and Tableau to minimize churn rate for better service for company's growth and financial stability. Collected the data set from Kaggle. Cleaned the data set. Pre-processed the data using Python. Statistically analyzed the data using Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn). Built a churn prediction model that achieved 80% accuracy on test data using Random Forest Classifier. Created a Tableau Story with executive style of presentation.

Professional Experiences

Business System Analyst, Jarvis (2022-present): Worked on a project based on Linux/SQL to help Jarvis Linux Cluster team manage their cluster entities. Worked with Stakeholders and Jarvis Team to create a SRD Document on a

new trading application. Collaborated with team members in a scrum team to carry out projects successfully.

Software Engineer, Kovair Software Pvt Ltd (2013-2016): Requirement Gathering and Analysis using Python Tool (Pandas, NumPy, Matplotlib, Seaborn). Providing Demo to the prospective clients using Microsoft Excel, Microsoft PowerPoint, and Tableau. Leading and Presenting POC. Configuring the Product as per Customer's Requirement. Preparing SOW, Use Case and User Guide Documentation. Implemented new sections of the ALM product using .Net Framework and C#. New UI implementation of some parts of the product using JavaScript, ExtJS, jQuery, HTML5 and CSS3. Bug Fixing, both Front End and Back End.

Education

University of Calcutta (2010-2013), Master Degree, Computer Application - Master degree with 83%

University of Calcutta (2006-2009), Bachelor Degree, Mathematics - Honors in Mathematics

Miscellaneous

- Data Analytics
- Photography
- Event Management
- Volunteer - Worked in a retail store