

Gayathri Srikanti

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DATA ANALYST

SQL | Microsoft Excel | Microsoft Power BI | Data Visualization | Python

SUMMARY

Highly motivated bilingual (French and English) Data Analyst with solid skills in SQL, Python, and data visualization tools like Power BI. Experienced in leveraging machine learning for data insights and proficient in Java development for data processing improvements. Known for strong problem-solving abilities and efficient project contributions. Eager to apply analytical skills in a dynamic environment. A strong foundation in Java programming, coupled with exceptional skills in troubleshooting and debugging.

HIGHLIGHTS

- Expert in French language. Can communicate affluently read write and speak.
 - Software Engineering graduating student skilled in Java, Python, C#, SQL, Java EE, and MongoDB, and strong understanding of Data Warehouse and Machine Learning
 - Comprehensive understanding of statistics, mathematics, and business principles through rigorous academic coursework.
 - Understanding of data visualization tools (e.g., PowerBI), and matplotlib; currently working towards Online Data
 - Familiar with: Cloud programming (Azure and AWS)
 - Effectively collaborate with cross-functional teams, building an atmosphere of mutual respect and shared expertise
 - Expert in Handling customer request trough voice for Service Canada.
 - Proven experience of handling stressful situation.
 - Answered approximately 4000 incoming calls, 700 chat messages and 500 email communication daily in French and English.
 - Entered call data into the computer in both French and English.
 - Offered actionable solutions for customer concerns.
 - Engaged in collaborative design and implementation of software features with other developers, enhancing team synergy and project efficiency.
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TECHNICAL SKILLS

Languages: SQL, Java, C#, Python, Java EE, React, JavaScript, PLSQL, Mongo DB, HTML/CSS, Kotlin

Applications & IDE: Android Studio, Microsoft Office Suite (Word, Outlook, PowerPoint, Excel), Microsoft PowerBI, Anaconda, IntelliJ, Visual Studio, My SQL, Oracle, Eclipse, Pycharm, AWS, Azure, Spring Boot, SQL Server, Postman, MongoDB, GitHub, Angular

EDUCATION

Software Engineering Technology Advanced

September 2020 - April 2024

Centennial College, Toronto, ON

• Relevant Courses: C#, Java, SQL, PLSQL, Data structure, Data Warehouse and Predict Analytics, Math and Statistics,

AWS, Java Spring, Mobile Application Development, Web Application Development

- GPA:3.3/4.5, equivalent to an B grade

High School Diploma,

2021

École Secondaries Étienne Brule, Toronto, ON,

WORK EXPERIENCE

Information Officer, Service Canada,

Aug 2021 - Present

- Handled high-volume bilingual communication, providing customer support and data entry services.

Interviewer, Decision Point Research,

June 2019 - March 2020

- Executed surveys and interviews in both French and English, collecting and documenting critical data.

PROJECT EXPERIENCE

Machine Learning Model Training, Deployment & Evaluation

December 2023

- Tools Used: Python, Anaconda (Spider)
- Utilized Toronto's stolen bicycle data to train a model that predicted likely bicycles
- Comprehensive Understanding of Learning Steps: Understanding Business, Importing Data, Preprocess Data, Feature Selection, Split Data Test & Train, Select Model Train Model, Evaluate Model
- Used Libraries like Scikit-learn, Pandas, and NumPy for data handling and model building
- Data Structure: Map, Set, List, Dictionary, Panda's Data frame, NumPy's array
- Understanding the Fundamental concept of machine learning includes Supervised Learning, Unsupervised Learning, Reinforcement Learning, Regression, Classification, Clustering, combined learning, Overfitting, underfitting, and confusion Matrix
- Developed a Python Flask-based API for model deployment, enabling real-time predictions
- Designed a user-friendly front end for easy API interaction and data input for model predictions

Database Management System Project

December 2022

Technologies Used: SQL

- Engineered a relational database management system for hotel bookings and payment tracking
- Implemented CRUD operations, and developed triggers, stored procedures, and functions for operational efficiency

Java & C# Project

December 2022

- Used Fundamental of Java, and C#: Polymorphism, Inheritance, Abstraction, Encapsulation, Object Oriented Design, Collection, Object Serialization, Generic Collection
- Utilized Design patterns and software Principles, Java Stream

Personal Safety Mobile Application System Design

June 2023

- Technologies Used: Kotlin, Android Studio
- Utilized various diagramming techniques (CFD, User Management, Domain Class Diagram, ERD, UML, SRS) for System Design
- Created a mobile application concept for rapid and effective communication of violent incidents to law enforcement with a user-friendly "HELP ME" feature
- Composed a business plan and developed a prototype for a personal safety mobile application

E-Commerce Website

April 2023

- Technologies Used: HTML, Node.js, MongoDB, Java Script
- Designed a dynamic website to get any pages required
- Made a database that stored users and their authentication data(JWT)
- Built key components: a Home Page for navigation, a Surveys Page for survey management, and a Login Page for account security.
- Engineered a user-friendly and functional web application

Library Management Webpage

January 2023

- Built a Library Management webpage using HTML and JavaScript with MongoDB as backend. This project showcased the ability to create dynamic web applications and manage data effectively.

Tic-Tac-Toe Game Development

March 2023

- Developed a Tic-Tac-Toe game using C# with features including:
 - **Single Player:** Human vs computer
 - **Multi-Player:** Human vs Human
- This project demonstrated the ability to implement game logic and provide interactive entertainment options.

Spring Boot Web Flux App Development

November 2023

- Developed a Spring Boot Web Flux application with MongoDB JPA and RESTful services, focusing on a Library Management System.
- Implemented CRUD operations and reactive UI using Thymeleaf for book, publisher, and member management.
- Rigorously tested the application functionality using POSTMAN and integrated front-end development concepts for user interaction.

Digital Employment Connect Platform Development

September 2023

- Developed a comprehensive digital platform to facilitate connections between job seekers and employers, focusing on SMEs, recruitment agencies, and educational institutions.
- Implemented key features like user profiles, job postings, secure authentication, and search functions, with potential enhancements like AI-driven job matching and in-app messaging.
- Managed backend development using .NET Core, database design with SQL, and deployment on cloud platforms, emphasizing scalability and security.