

Antoine Asanga

Database Administrator

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Profile

A graduate of IT Database Administration from Nova Scotia Community College along with hands-on experience analyzing and gathering data, maintaining databases, simplifying administration processes, and generating reports.

Ability to own responsibility for the standardization, configuration, integration, and performance optimization of critical database systems. Skilled in focusing on customer solutions, such as business intelligence and advanced analytics. Advanced knowledge of database security, and performance monitoring standards. Exceptional understanding of database technologies. Excellent written and verbal communication skills with the ability to communicate with team members at various levels, including business leaders.

Areas of Expertise

Tools & Technologies Implementation / Data Integration & Management / Operational Excellence / Business Intelligence / Data Analytics / Issue & Conflict Resolution / Project Management / Power BI / Staff Training & Leadership

Technical Proficiencies

Programming Languages: Java, JavaScript, SQL, HTML, CSS, PowerShell, Python

Databases: MySQL, Oracle

Software: Visual Paradigm, Data Grip, SAP, Docker

Microsoft Tools: Power BI, Word, Excel, Microsoft Teams, PowerPoint, MS Vision

Applications: Visual Studio Code, IntelliJ IDEA

Education

IT Database Administration

Nova Scotia Community College (NSCC), Halifax, NS, 2021

Professional Experience

Anti-Human Trafficking Intelligence Initiative

May 2020 – June 2020

Data Analyst, Intern

Analyzed and gathered open data related to human trafficking in different countries. Investigated and report the open data sources. Assisting in process improvement initiatives.

- ◆ Examined information using data analysis tools.
- ◆ Collected, organized, and interpreted statistical information to help colleagues in making decisions.
- ◆ Gained knowledge of developing and implementing databases and data collection systems.
- ◆ Learned the use of Siren Investigate Intelligence Platform for data analytics.
- ◆ Attended training pertaining to databases and investigative tools and programs
- ◆ Mapped out software to compile information received from partner enforcement
- ◆ Analyzed collected data into intelligence analysis and passed on to project management team
- ◆ Demonstrated knowledge of computer software by working with created databases, spreadsheets, graphs, presentations, and all other computer skills necessary to conduct human trafficking investigations.
- ◆ Maintained database security, integrity, stability, and system availability by making requested changes, updates and modifications to database structure and data

Responded to emergency incidents promptly and resolved issues with greater efficiency and quality. Investigated security breaches, incidents, and other alarming behavior. Assured a safe environment through a team effort of diligent active patrol, strict access control, monitoring, and equipment control.

- ◆ Carried out all standing orders and scheduled daily activities as required for each shift on site
- ◆ Maintained security procedures in the event of a security breach
- ◆ Ensured site staff adhere to all organizational and government safety policies and procedures
- ◆ Trained new security staff onsite on all mandatory security procedures and protocol
- ◆ Performed security checks on all non-staff members and clients visiting the site.
- ◆ Documented and investigated security incidents and complaints
- ◆ Provided proactive and reactive security patrols.
- ◆ Communicated all concerns/issues with the Client Service Manager
- ◆ Promptly responded to high-level incidents.
- ◆ Worked as a liaison between company leadership and site staff management.

Key Projects

Applied Semester Project I, winter 2020: NRC Data Collection (Federal Level Non-Government Agency)

Identified, collected, and analyzed appropriate datasets related to transportation and logistics. Secured data in the database. Supported and collaborated with other team members to ensure successful project completion. Synthesized the concepts, skills, and practices acquired in the project through a learning experience.

Metadata Management, fall 2020

Successfully executed final project on a visual presentation of metadata management, including the strategies, the structured and unstructured metadata, reverse engineering, data lineage, and the video journey of the workflow of video in a file.

Data Security, fall 2020

Installed Oracle RDBMS 11g Enterprise Edition on remote desktop and applied logical security. Provided system privilege by giving authorized permission, including a testing plan that contains iteration, expected result, test, actual result, and action required for data application security. Displayed exceptional expertise in preparing an analysis on the physical security of data, logical security of data, and data application security.

Data Server Management in Linux, fall 2020

Managed and completed Group Final Project on Shark Data Tracking. Collected data set from the non-profit organization search to track the location of shark. Utilized the Gantt chart as a tool to track task completion and status. Formulated entity-relationship diagram to obtain the visual representation of relationships of different data entities. Used Power BI as a visualization tool to get the visuals of shark data as a map, bar graph, pie chart, and tree map. Completed data dictionary as a source to get the description of different table attributes.

Logic and Programming, Fall 2019

As a part of the logic and programming course, successfully completed the Battleship game. Used Python to build the game, automate tasks, and conduct data analysis. It was a simple game in which users had 30 turns to attempt to sink five ships and certain conditions were used while coding this game to play. Each time a guess was run, the coordinate was marked by x and in the end, after completing all the attempts the game ended with a report indicating how many hits were successful. The project was well-received by my instructor who implemented me on the quality of simple design and rated it with good grades.

Professional Practices for IT, Fall 2019

Successfully integrated different projects as well as developed a coherent message and successfully presented our work earning a 95% grade.