**ELMADDIN KARIMOV**

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Self-motivated, detail oriented and initiated **QA & Data Analyst** with experience in analysing the data using SQL queries to provide business solutions. Looking for an opportunity to utilize my skills and help organization achieve its goals

**SUMMARY OF QUALIFICATIONS**

* 8+ years of experience in IT industry as a Quality Assurance &Data Analyst
* Experience in analyzing, manipulating, cleansing and validating data using **Excel** (Pivot Table, **VBA**), **SQL**, NoSQL, **Python** (Pandas, NumPy, Matplotlib, API Interactions, Social Media Mining), HTML/CSS, JavaScript, **Tableau,** Power BI, Hadoop, Machine Learning
* Significant technical skills include **SQL** (Aggregate Functions, Sub-Queries, Joins, Group Functions, Single Row Functions), MS Excel, MS Outlook, MS Word, MS PowerPoint
* Significant knowledge in creating dashboard using BI tool - **Tableau**
* Understand business requirements, analyze data model, data structure, code and data flow to prepare mapping documents for **ETL** Work
* Knowledge of programming languages in order to reading code and functions including **Phyton and Java**
* Experience in presenting data in the form of charts, graphs, tables, designing and developing relational databases for collecting data
* Hands-on experience in different file transfer methodologies and different file types and layouts such as **csv, json, txt, XML**
* Experience in extracting, manipulating and categorizing complex data and producing accurate output
* Proven ability to query and handle large complex datasets from various sources
* Superior oral and written communication skills; proficient in documentation, analysis, and reporting, mathematical, and creative problem-solving skills
* Develop and maintain excellent working relationships with all stakeholders
* Banking experience with **Credit Risk** and **Anti-Money Laundering (AML)**
* Full knowledge of System Development Life Cycle (**SDLC**), Quality Assurance Life Cycle (**QALC**).
* Proficient in Software Development Life Cycle including **Test Strategy** preparation, **Test Plan** development, **Test Case** creation, **Test Execution** and **Bug Tracking**.
* Tested **web applications** in **Waterfall** and **Agile** development processes.
* Analyzed business requirements, software requirement specifications to create Test Plan and Test Cases for Manual Testing.
* Proficiency with **System**, **Functional**, **Load**, **Stress**, **Performance**, **UAT**, **Integration**, Static, **Regression**, **Smoke** and **Implementation** testing
* Experience with **Telecommunications**, **Financial Billing**, **Client-Server**, **Web** and **E-Commerce** applications.
* Willingness and ability to quickly learn and adapt new technologies.
* Excellent analytical, planning, reporting and communication skills developed through years of work experience.
* Full knowledge of **Data Ingestion**, **ETL** Concepts and Data Loading Strategies
* Proficiency with **ETL** related functional, performance, integration and regression test cases, and documentation
* Excellent analytical and problem-solving skills.

**PROFESSIONAL EXPERINCES**

**QA & Data Analyst**  Jan 2019 - Present

*ITSIGN Solutions* Toronto ON

* Processed data for analysis and prepared reports based on extensive qualitative and quantitative data analysis
* Performed data collections, validations, and monitoring
* Identified trends within data sets, categorized patterns, and provided feedback to business owners to help improve data quality
* Developed a day-to-day issue tracker to keep a documented track of all raised quality concerns
* Analysed data using Excel and SQL to check accuracy of data in database tables
* Extracted data from different sources, and loading it into analytical tools for data analysis
* Validated market data from difference sourcing both internal and external using SQL queries and/or running automated jobs in Python
* Create dashboards, visualizations, and other advanced analytics reports
* Ensure projects are completed according to product specifications and are properly documented

**DATA ANALYST**  May 2018 - December 2018

*Scotiabank*  Toronto, ON

* Processed large set of data for analysis and prepared reports based on extensive qualitative and quantitative data analysis
* Run complex SQL and Excel to validate data integrity, accuracy and comprehensiveness for end to end data lineages using data mapping documents
* Worked with a large set of data, identify trends within large data sets, categorizing patterns, and providing feedback to technology owners to help improve data quality.
* Involved in data mining, transformation and loading from the source systems to the target system
* Extracted data from multiple in-house database system, and loading it into analytical tools for data analysis and data visualization
* Performed Data mapping between source systems to Target systems, logical data modeling, created diagrams and used SQL queries to filter data
* Worked on data modeling and produced data mapping and data definition specification documentation
* Involved in creating/modifying reports using Tableau Reporting Tools
* Provided useful actionable analytical insights for clients to enhance their customer lifecycle management.
* Advising on the suitability of methodologies and suggesting improvements.
* Performed a presentation to management team with findings and improvement recommendation
* Environment: MS Office, Python, SQL, Tableau

**Data Analyst** Jan 2015 – Apr 2018

*Premier Craft Design Studio*  Toronto ON

* Produced spreadsheets reporting on statistical information, graphs, charts, or excel spreadsheets
* Processed data for analysis with Excel, SQL prepared reports
* Extracted/consolidated information from sources, manipulated data to explore production behavior
* Validated data extraction/loading process to ensure a complete transfer from its source to system
* Manipulated data using advanced SQL queries includes Aggregate Functions, Sub-Queries, Joins, Group Functions, Single Row Functions
* Designed and built reports, dashboards, graphs and tables using Excel
* Defined pricing to orders- work closely with sales teams and customers to gather required information and produce a competitive quote
* Created and maintained all pricing related data in files

***QA Functional and Automation Analyst*** January 2014- December 2014

LOBLAWS Co. LTD Toronto, ON

* Performed functional and regression testing during **Integration** and **System Testing** cycles
* Performed **Cross Browser, Graphic User Interface, Functional Testing, Integration Testing,** and **System Testing** Manually
* Was Involved creating Test cases & Test scripts derived from business requirements and specifications document
* Performed manual testing on different Modules of the Application by executing the Test Cases
* Performed various types of testing, such as Functional, Regression, System
* Performed **Compatibility** testing of web application on different browsers
* Analyzed business requirements, internal and external design documentation, clarified issues, discrepancies and ambiguous requirements with BA
* Practiced **Agile** activities throughout the project
* Attended Project meetings and interacting with other team members in order to resolve the issues
* Verified database changes through the front-end GUI and back end by using **SQL** queries

***QA Analyst*** June 2012 - December 2013

Testing Solution LTD Toronto, ON

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* Performed end-to-end testing of **client-server application** to ensure accuracy, consistency and performance (***Budgeting applications***)
* Created test cases for the **HR Management** and **Project Management** applications
* Was Responsible for creating all testing documentation derived from functional specification and technical

requirements for **CRM application**

* Performed functional, regression and UAT testing for **Web application** testing -**Testing of Broken links, URLs**, performance testing, stress testing (Java Server Pages with real time link to back-end SQL production server).
* Created specific test data
* Performed integration and system testing on assigned components
* Verified database changes through the front-end GUI and back end by using **SQL queries**
* Was responsible for through testing at the last stage of release to production
* Logged test defects using **defect reports**, investigated log files, testing issues, risk Interacted with developers and business analysts to clarify design specifications and to address defect Resolutions

***Software Tester*** January 2011 – May 2012

Local Angels Inc. Toronto, ON

* Was Responsible to execute Functional, Regression, Integration, GUI and UAT testing
* Developed and executed functional and regression test cases based on business requirements and design specifications
* Generated test data for **positive** and **negative test scenarios** based on functional specifications and design document
* Documented all defects using the **Test Director**
* Analyzed business needs, user requests and identifying business requirements and translated them into functional and technical specifications
* Designed and produced the computer-generated artwork, created the PowerPoint presentations for end users
* Translated subject matter into concrete design for newsletters, promotional materials and presentations
* Participated in team effort to produce policy manuals, education and promotional materials

*Technical Environment:* *Windows NT, Java, XML, MS Office, MS Access, Test Director*

**EDUCATION**

**GANJA STATE UNIVERSITY – Mathematics**

**UNIVERSITY OF TORONTO - Data Analytics and Visualization**

**Skills / Technologies:**

* Java
* Python (NumPy, Pandas, Matplotlib, Seaborn, API )
* Oracle, PostgreSQL , MySQL , SQL Alchemy
* NoSQL-MongoDB
* HTML/CSS/ JavaScript
* AWS
* Web Scraping (Beautiful Soup)
* Tableau, Power BI
* ETL
* Machine Learning
* Big Data with Hadoop
* Git / GitHub
* HP Quick Test Pro 10.0
* Load Runner 8.0
* JMeter