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

- ✓ 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