

# ELMADDIN KARIMOV

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## **SKILLS**

- ✓ IT professional with experience in Software industry as **Data Analyst**
- ✓ Extensive 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, Hadoop, Machine Learning
- ✓ Strong experience in **Data Analysis**, Data Profiling, Data Migration, Data Mining, Data Cleansing, Data Conversion, Data Visualization, Data Quality, Data Integration, Metadata, Data Mapping and Data Modelling
- ✓ Significant technical skills include **SQL** (Aggregate Functions, Sub-Queries, Joins, Group Functions, Single Row Functions), **MS Excel** (VLOOKUP, Pivot table, Index, Match, IF Statements, PowerPivot), MS Outlook, MS Word, MS PowerPoint
- ✓ Significant knowledge in creating dashboard using BI tool - **Tableau**.
- ✓ Knowledge of programming languages in order to reading complex code and functions including **Python and Java**
- ✓ Experience in presenting data in the form of charts, graphs, tables, designing and developing relational databases for collecting data
- ✓ Superior oral and written communication skills; proficient in documentation, analysis, and reporting, mathematical, and creative problem-solving skills

## **EDUCATION**

**GANJA STATE UNIVERSITY – Bachelor's Degree, Mathematics and Informatics**

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

### **Skills / Technologies:**

- |  |                        |
|--|------------------------|
| • MS Office (Excel(VBA), Word, Access, PowerPoint) | • ETL                  |
| • Java   | • Tableau              |
| • Python (NumPy, Pandas, Matplotlib, Seaborn, API) | • R                    |
| • Oracle, PostgreSQL, MySQL, SQL Alchemy           | • Machine Learning     |
| • NoSQL-MongoDB                                    | • Big Data with Hadoop |
| • HTML/CSS/ JavaScript                             | • Git / GitHub         |
| • Web Scraping (Beautiful Soup)                    |                        |

## **PROFESSIONAL EXPERINCES**

### **DATA ANALYST**

Scotiabank

May 2018-December 2018

Toronto, ON

- ✓ Processed large set of data for analysis and prepared reports based on extensive qualitative and quantitative data analysis
- ✓ 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.
- ✓ Manipulated data using **Excel**, **SQL** queries includes Aggregate Functions, Sub-Queries, Joins,

## Group Functions, Single Row Functions

- ✓ Extracted data using SSIS from XML, Oracle and flat files, Excel perform transformations and populate the data warehouse
- ✓ Performed Data Mapping between source systems to target systems, logical data modeling, created diagrams and used SQL queries to filter data
- ✓ Involved in creating/modifying reports using **Excel** and **Tableau** Reporting Tools
- ✓ Provided useful actionable analytical insights for clients to enhance their customer lifecycle management.

Environment: Python, MySQL, MS-Office, Tableau

### **DATA ANALYST**

Sep 2017 - April 2018

#### Vena Solutions

Toronto ON

- ✓ Worked with data source systems and client systems to identify data issues, data gaps, identified and recommended solutions
- ✓ Designed reports in **Excel** using advanced functions not limited to VLOOKUP, pivot tables, formulas. Used **SQL** to validate the data going in to the Data Warehouse
- ✓ Imported, cleaned, transformed and validated data with the purpose of understanding the data for decision making purposes
- ✓ Worked with Data Warehouse Extract and load developers to design mappings for Data Capture, Staging, Cleansing, Loading, and Auditing
- ✓ Performed data mapping, data mining, extracting, transforming & loading from source systems to internal system to facilitate various tasks of data migration
- ✓ Created dashboards to facilitate data visualization for higher management
- ✓ Troubleshooted resolved and escalated data related issues and validating data to improve data quality
- ✓ Created pivot tables and charts using worksheet data and external resources, modified pivot tables, sorted items and group data, and refreshed and formatted pivot tables
- ✓ Prepared reports by collecting, merging, analyzing, and summarizing information

### **DATA QUALITY ANALYST**

April 2016 - May 2017

#### Celestica Inc.

Toronto, ON

- ✓ Performed Data Entry and maintained data integrity on multiple information systems
- ✓ Processed solar manufacturing data for analysis with **Excel**, **SQL**, **Access**, or ODC prepared reports
- ✓ Review and respond to internal and external audit findings in order to implement procedures that meet or exceed expectations.
- ✓ 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, Gamma chart, graphs and tables using Excel, Access.
- ✓ Created inspection plan for incoming solar materials using Excel and performed first article inspection and released to production
- ✓ Performed a presentation to management team with findings and improvement recommendation.
- ✓ Worked with other Celestica facilities to deliver common high-quality solutions