**Zubair Lone MSc, PGD** (Software Eng.)

ON, CANADA ▪ 647 296 1016 ▪ [szlone@yahoo.com](mailto:szlone@yahoo.com) ▪ [My Portfolio Link](https://loneorg.github.io/MyPortfolioWebsite/index.html) ▪ [https://www.linkedin.com/in/zubair](https://www.linkedin.com/in/zubair-l-762a431/)

**SUMMARY OF QUALIFICATIONS**

* Extensive experience in project management, process improvement, business intelligence and system design
* Strong verbal/written communications skills, along with excellent interpersonal and client-servicing skills
* Exceptional organizational, coordination & time-management skills to prioritize and effectively multi task
* Strong problem-solving skills with ability to learn quickly and understand new business processes and concepts
* Work well independently under time pressure, complemented by positive attitude and teamwork skills

**TECHNICAL SKILLS**

* Databases: **MS SQL Server [T-SQL, SSIS, SSRS, SSAS, DAX, MDX, DMX]**, **MS Access [DAO/ADO], PostgreSQL, MongoDB [NoSQL], ODBC conn., OLAP, Replication, ETL development,** Oracle 8i**,** 7 [PL-SQL]
* Tools: **Visual Studio, MS Office 365 suite [VBA], MS Power BI [M, DAX], MicroStrategy, SharePoint 360, MS Visio**, **MS Excel,** SAS, Tableau, MS Project, Cognos-Powerplay [**Cubes**, Transformer, Impromptu]
* Program Languages: **VB/VB.Net, VBA, JavaScript, Python 3.6, Octave/MatLab, R,** C#, C++
* Web Development: **HTML 5, CSS 3, DOM, React JS + Redux, Bootstrap 4, Node JS, Express JS**
* Machine Learning: **Uni/Multivariate Regression, Logistic Regression, SVM, PCA, Neural Networks**
* Technical Documentation: **Requirement & Design Specifications** (Industrial & Military Standards: ISO 9000 series, NATO STD AQAP 13, US MIL STD 490)
* Warehousing: **SAP-BW**, ERP Knowledge SAP R/3 Version 4.5B, 4.6B and 4.6C
* Big Data Knowledge: **Hadoop** **- MapReduce, HIVE, PIG; Databricks - Scala**
* Operating Systems: **WINDOWS 10, Linux (Mint, Kali, Raspbian),** Unix, VAX/VMS
* IDE: **Sublime Text, Atom**, **Jupyter Notebook**, **Visual Studio Code, Notepad++, Google Colab**

**SELECT WORK EXPERIENCE**

**Senior Data Specialist (Contract), Microsoft (Canada) Inc., Mississauga, ON May 2019 – May 2020**

* Provided Senior Leadership with **business KPI dashboards**, **revenue forecasting** and data analytics
* Provided **business planning & strategy research** for account planning, and **insights to enable business growth**
* Achieved **automating the manual data processing and visualizations involved,** **improving efficiency greatly** by reducing data processing from half a day to 20 mins daily

**Business Planning Manager, Rogers Communications Inc., Toronto, ON Aug 2005 – Nov 2017**

* Developed a ‘single source of truth’, which enhanced **inter-team communication & data reliability by ~90%**
  + by **enforcing data policies & guidelines**
* by ensuring data security, integrity & quality standards
  + with the ability to **audit data in real-time**
* Created an interactive dashboard for the portfolio ‘Mind Share’ Heat map, giving **quantitative insights into resource workload and capacity data** which helped in **assessing organizational risk & risk management**
* **Developed a Project Management Information System (PMIS), with 70+ users (project managers - PM)** which enabled each PM to capture their project details in real-time. This allowed for better **project ‘visibility’ in real-time** where previously there was none

**Education**

**MBA Candidate** + **Master in Big Data & Business Intelligence** (online), ENEB, Spain - (2022)

**Post-Graduate Diploma in Software Engineering,** Birmingham City University, UK

**Master of Science in Microwaves and Modern Optics**, University College London, UK

**Bachelor of Science in Physics (Hons.)**, University of London, UK

**Zubair Lone**  ON, CANADA ▪ 647 296 1016 ▪ [szlone@yahoo.com](mailto:szlone@yahoo.com) ADDENDUM

**SELECT INDUSTRIAL PROJECTS**

* **Developed and managed support** for business applications like **the Materials Requirement (MRP II),** and Inventory-Control was **rolled out globally**, within the **Japan Tobacco International (JTI),** formerly RJ Reynolds
* Developed applications using **replication technologies in MS SQL** which provided rapid data retrieval and analysis from **remote regions to HQ** **automatically** **daily where** **previously took weeks** (JTI)
* Designed and **developed an** **HRMS** (Human Resource Management System) with **built-in graphical tools for viewing company pay-scale trends and variations based on Hay points** directly **linked to the ORACLE payroll database via ODBC** (JTI)
* Developed the Laboratory Information Management System **(LIMS)** **application for** **Quality Control (QC) laboratory which proved instrumental in the company achieving ISO 9000 certification** (JTI)
* Worked with the **Seeker team and the Guidance** team to **developed software interfaces** for the separate Guidance and Seeker emulation models, combining them **to produce a better overall emulation model**, used later in **‘Hardware in the Loop’** tests before final live testing (**BRITISH AEROSPACE**, Stevenage, UK)
* Developed software to enable a Digital Communications Tester (DCT) to **emulate** the IMUX DASS port of the SYSTEM X local exchange for **FULCRUM COMMUNICATIONS LTD. (BRITISH TELECOM)**, Birmingham, UK
* **Designed very safety critical software** for **BRITISH NUCLEAR FUELS LTD**., using the Yourdon Methodology as the design methodology using CASE tools, Stone, UK

**PROFESSIONAL MEMBERSHIPS**

* Member of the Institute of Analysts and Programmers UK (1995)
* Member of the Canadian Institute of Computer Professionals (2005)

**AWARDS**

* Rogers Communications - **Business Excellence Award** for: CXT Macro Plan Cross Functional Team and Consumer Planning & Coordination **2017** (Ted Rogers Awards)

**SELECT TRAINING**

* **Machine Learning** – Stanford University Sep 2020
* Enhanced Learning in Computer Science & Mathematics – University of Wolverhampton May 2020
* **MongoDB** from Scratch – Udemy, Canada
* **Hadoop MapReduce** Fundamentals – EDUCBA, Canada
* Data Analysis Using **Hadoop** - EDUCBA, Canada
* SAP(BW) - Maple Institute, ON, Canada
* Dealing with Difficult Conversations - Rogers, Canada
* Yourdon Methodology for **Real-Time Software Design** - Stafford Polytechnic, Staffs., UK
* Control Theory for **Controlled Systems Design** - Hatfield Polytechnic, Herts., UK

**SELECT CONSULTANCY EXPERIENCE**

* **Japan Tobacco International** (JTI), Switzerland - Phase I & II Indirect Taxation Intranet Reporting Application
* **Citibank** **(TZ\*) Limited** - developed an Interface between Citibank client’s Accounts packages and the Citibank ‘Paylink’ in-house payments application
* **Ultimate Security (TZ\*) Limited** - developed HRIS\*, Payroll & a Guards Roster System
* **Mobitel Limited** **(TZ\*)** (MIC) - developed HRIS\* & Payroll Systems
* National Engineering Company Limited (TZ\*) - Works Costing System
* Saba Enterprises (TZ\*) - Inventory & Sales Order Processing Application, with remote link to branches

**\*HRIS – Human Resource Information System \*TZ – Tanzania References available on request**