

ZUBAIR LONE **MSc, PGD** (SOFTWARE ENG.)

ON, CANADA ▪ 647 296 1016 ▪ szlone@yahoo.com ▪ [My Portfolio Link](#) ▪ <https://www.linkedin.com/in/zubair>

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

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