**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) ▪ [My LinkedIn](https://www.linkedin.com/in/zubair-l-762a431/)

# SUMMARY OF QUALIFICATIONS

* Extensive experience in providing data-driven Business Intelligence (BI) solutions that align with corporate strategy and enhance customer experiences
* Strong analytical skills with a passion for data science, analytics, automation, and visualization to assist management team in development of effective information management strategies
* ETL process design and development through various technologies: SSIS packages, Clover etc.
* Strong SQL skills through development of applications, data repositories and data warehousing builds
* Excellent interpersonal and communication skills through working with diverse teams and clientele
* Ability to maintain a positive attitude whilst working independently as well as in a team environment
* Exceptional organizational, coordination and time-management skills to prioritize and effectively multitask
* Strong problem-solving skills and capacity to learn quickly to assimilate new business processes and concepts

# TECHNICAL SKILLS

* **Databases**: MS SQL Server, Oracle 8i (PL-SQL), MS Access [DAO/ADO], ODBC, OLAP, Replication
* **Scripting Languages:** Python, JavaScript, VBA, Scala, R, SAS, Matlab/Octave, VB/VB.Net, C#, C++
* **Version Control:** GitLab, GitHub
* **Operating Systems:** WINDOWS 10, Linux (Ubuntu, Red Hat, Centos), VAX/VMS, Unix
* **Machine Learning**: Uni/Multivariate Regression, Logistic Regression, SVM, PCA, Neural Networks
* **Data Visualization**: MS Power BI, MicroStrategy, Cognos-Powerplay [Cubes, Transformer, Impromptu]
* **Data Warehousing:** SAP-BW, SAP R/3, ERP Knowledge

# EDUCATION

**Post-Graduate Diploma Software Engineering,** Birmingham City University, UK **Master of Science Microwaves and Modern Optics**, University College London, UK **Bachelor of Science Physics (Hons.)**, University of London, UK

# WORK EXPERIENCE

**DevOps Engineer**, Catalyst Earth, Markham, ON May 2019 – May 2020

* Produced python tools to 'clean' Servers, updated software application backup scheduling
* Updated company website quarterly with new software releases, plus tested downloads, and software releases in Virtual Machines
* Participated in the company software compiler/tools/packages upgrading project
* Upgraded python tool 'macros' for new requirements in customizing client requirement
* Updated and installed Python Flask applications to view log files on the main Linux and Windows servers.

**Senior Business Analyst** (contract), Alpha Laboratories Inc., Toronto, ON Jun 2021 – Oct 2021

* Developed a branch (remote labs) profitability assessment database tool with weekly data update automation
* Developed a daily Customer Satisfaction reporting database application with direct link to customer feedback data for each laboratory branch
* Used Power BI dashboard to gather medical study data (used in clinical studies) daily automatically from SQL database from the labs to transmit directly to clinical study institutions involved

**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 to assist in strategic planning and decision making
* Presented business planning and strategy research to improve business growth through reliable information
* Automated manual data processing and visualizations process, improving efficiency greatly by reducing daily data processing from half a day to 20 mins

**Manager Business Planning**, Rogers Communications Inc., Toronto, ON Oct 2014 – Nov 2017

* Supported annual and quarterly planning cadence to develop, prioritize and manage the Customer Experience (CEX) portfolio based on set key performance indicators
* Provided Executive and Senior leadership teams with data analysis reporting and strategies
* Created an interactive portfolio Heat map, giving quantitative insights into resource workloads
* Developed a ‘single source of truth’ enhancing inter-team communication & data reliability by ~90% through: enforcing data policies & guidelines, ensuring data security, integrity & quality standards and incorporating the ability to audit data in real-time

**Manager Portfolio Governance**, Rogers Communications Inc., Toronto, ON Aug 2005 – Oct 2014

* Managed and updated project timelines, ensured accuracy of key data points, analyzed key metrics
* Developed Data Architecture models and road maps with built- in data auditing and governance standards
* Data design, pipeline development and automation
* Designed and established a Project Management Information System (PMIS) with 70+ users
* Proactively identified needs/gaps/risks and delivered solutions with a focus on intelligent automation
* Produced report deliverables integral to the Projects & Portfolio Governance Process including Portfolio Prioritization, and Project Impacts Assessment

# CONSULTING EXPERIENCE

**Citibank Limited**, Tanzania

* Developed an Interface between banking clients’ accounts packages and Citibank ‘Paylink’ in-house payments application with built-in auditing & security features

**Japan Tobacco International** (JTI), Switzerland

* Phase I & II Indirect Taxation Intranet Reporting Application
* Developed applications using replication technologies in MS SQL which provided automatic rapid data retrieval and analysis from remote regions to HQ, reducing time frame significantly from 2-3 days to daily
* Provided support to an 800+ node network infrastructure, plus offered technical expertise in the development of manufacturing and business applications
* Developed and managed support for business applications including Materials Requirement (MRP II) and Inventory-Control which was rolled out globally
* Designed and developed a Human Resource Management System (HRMS) with built-in graphical tools for viewing company pay-scale trends and variations through directly linking ORACLE payroll database via ODBC

# PROFESSIONAL DEVELOPMENT

## Professional Membership

* Member of the Institute of Analysts and Programmers UK
* Member of the Canadian Institute of Computer Professionals

## Select Training

* **Cloud**: Microsoft Azure Fundamentals, AWS Cloud Economics, AWS Accreditation (Technical) (2022/23)
* **Machine Learning** – Stanford University (2020)
* Enhanced Learning in Computer Science & Mathematics – University of Wolverhampton (2020)
* **MongoDB** from Scratch – Udemy, Canada
* **Hadoop** MapReduce Fundamentals, Data Analysis Using Hadoop – EDUCBA, Canada
* SAP(BW) – Maple Institute, ON, Canada

## Awards

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