

ZUBAIR LONE MSc, PGD (SOFTWARE ENG.)

ON, CANADA ▪ 647 296 1016 ▪ szlone@yahoo.com ▪ [My Portfolio Link](#) ▪ [My LinkedIn](#)

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)