

ZUBAIR LONE MSc, PGD (SOFTWARE ENG.)

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SUMMARY OF QUALIFICATIONS

- **Extensive Data Analysis Expertise:** Over 10 years of experience in BI/data analysis, driving data-driven business solutions aligned with strategic goals and customer experiences, as well as leading cross-functional projects.
- **Academic Background:** Holds a degree in Physics, a Masters in Microwaves, and a PG Diploma in Software Engineering, demonstrating a strong foundation in both technical and analytical skills.
- **Proficient in Data Tools:** Proficiency in SQL and Python, with the ability to extract, transform, and load (ETL) data. Skilled in using data visualization tools such as Power BI, MicroStrategy, Tableau, and Cognos-Powerplay.
- **Statistical Modeling and Visualization:** Expertise in statistical modeling, automation, and creating impactful visualizations to convey insights effectively and support information strategies.
- **Efficient Project Management:** Skilled in analyzing, organizing, prioritizing work under multiple deadlines, showcasing the ability to manage stakeholders and projects effectively while ensuring timely delivery.
- **Market and Competitor Insights:** In-depth understanding of partner, competitor, and market trends, utilizing analytical software tools, data analysis methods, and reporting techniques to provide valuable insights.
- **Collaborative Communication:** Effective collaborator, excelling in both independent and team settings, with strong written and verbal communication skills. Adept at fostering relationships across teams and functions.

WORK EXPERIENCE

DevOps Engineer, Catalyst Earth, Markham, ON

Nov 2021 – May 2023

- Developed Python tools to perform 'cleaning' procedures on 5 Windows and Linux Servers while enhancing software application backup scheduling.
- Quarterly updated the company website with the latest software releases, meticulously testing downloads and new software versions.
- Played a role in the comprehensive company software compiler/tools/packages upgrade initiative, transitioning from Visual Studio 2003 to 2022. Concurrently, assessed and upgraded various complementary software packages.
- Implemented the Dockerization of satellite image processing, streamlining testing procedures.
- Elevated the python tool 'macros' to meet evolving client requisites, incorporating new functionalities and customization capabilities.
- Revitalized, installed, and optimized Python Flask applications for seamless log file viewing across primary Linux and Windows servers.

Senior Business Analyst (contract), Alpha Laboratories Inc., Toronto, ON

Jun 2021 – Oct 2021

- Led the branch profitability assessment tool's development with automated weekly updates, enhancing decisions.
- Engineered a daily Customer Satisfaction app, funneling direct feedback for the lab branches.
- Utilized Power BI to extract vital medical study data, automating daily retrieval from lab SQL databases, and transmitting it to the clinical studies institutions.

Senior Data Specialist (contract), Microsoft Canada Inc., Mississauga, ON

May 2019 – May 2020

- Delivered data-driven KPI dashboards and revenue forecasts to Senior Leadership, powering strategic decisions with AI-driven insights from vast datasets (100 million + records).
- Presented well-researched business strategies for growth.
- Revamped efficiency by automating data processing, cutting daily workload from half a day to 20 minutes.

Manager Business Planning, Rogers Communications Inc., Toronto, ON

Oct 2014 – Nov 2017

- Collaborated in crafting the annual and quarterly Customer Experience (CEX) portfolio, integrating novel key performance indicators for prioritization.
- Strategically supported Executive and Senior leadership with data analysis, fostering informed decision-making.
- Pioneered an interactive portfolio Heat map, delivering quantified insights into resource workloads.
- Established a 'single source of truth' mechanism, elevating inter-team communication and data reliability by approximately 90%.

Manager Portfolio Governance, Rogers Communications Inc., Toronto, ON

Aug 2005 – Oct 2014

- Orchestrated and maintained project timelines, scrutinized crucial data, and evaluated key metrics with precision.
- Formulated innovative Data Architecture models and comprehensive roadmaps, seamlessly integrating advanced data auditing and governance standards.
- Masterminded data design, pipeline development, and streamlined automation processes.
- Established a robust Project Management Information System (PMIS), catering to a user base of over 70 members.
- Proactively unearthed needs, identified gaps, and assessed risks, while consistently offering solutions with an emphasis on intelligent automation.
- Presented pivotal report deliverables, integral to Projects & Portfolio Governance, including Portfolio Prioritization and Project Impact Assessments.

ADDITIONAL INFORMATION

Japan Tobacco International (JTI), Switzerland

- 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 within JTI Europe, Middle East & Africa.
- 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 weeks to daily.

TECHNICAL SKILLS

- **Databases:** MS SQL Server (T-SQL, etc.), Oracle 8i, MS Access [DAO/ADO], ODBC, OLAP, Replication
- **Scripting Languages:** Python, JavaScript, VBA, Scala, R, SAS, MATLAB/Octave, VB/VB.Net, HTML, CSS, C++
- **Version Control:** GitLab, GitHub, SourceTree
- **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, Tableau, Cognos-Powerplay
- **Data Warehousing:** SAP-BW, SAP R/3, ERP Knowledge
- **Cloud Computing:** Azure: (VMs, Storage, NSGs, Gateways, VNet, Database, AKS, Functions, etc.); AWS, GCP
- **Containerization & Orchestration:** Docker, Kubernetes

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)
- **Web Development, MongoDB** – Udemy
- **Hadoop** MapReduce Fundamentals, Data Analysis Using Hadoop – EDUCBA

Awards

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

EDUCATION

- **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