# Sherif ElSherif

**Senior Data Analyst/ Problem Solver**

Kitchener, Ontario

selsherif20@gmail.com   | Cell: 647-403 5968 | Portfolio | GitHub | HackerRank |Slack

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**Summary**

- Result driven, Task-oriented Data Analyst with 8+ years of experience in a wide array of functions in Information Technology field including Development, Analysis, Integration, and Operations.
- Domain expertise in Marketing Analytics and Sales operations with experience in Revenue & Business Assurance, Cost & Margin Analysis, SaaS Metrics and Process Improvements.
- Experience building powerful dashboards and reports providing management with useful insights and Statistical Analysis reports allowing them to make data-driven decisions.
- Experience with Leads Analytics, Funnel Management, Sales Analytics, Survey Analysis, Business process optimization, Process Automation.
- Processing, Loading, Transforming, Enriching, Pipelining and analyzing large volumes of data.
- Technical Experience with Python, Java, C#, C++, PL/SQL, Shell, Google Cloud, MS Azure, Scikit-Learn.
- Experience with Google Cloud Solutions, BigQuery, Datalab, Dataprep and Data Studio.
- Excellent Analytical Thinking, Problem Solving, Communication & Time Management Skills

**Professional Experience**

**Senior Data Analyst/Tech Lead, Rogers Communications,** Oct 2018 – Present (1 Year, 5 Months)

- Working with the Fraud Detection department helping them detect telecom fraud.
- Managing all the data operations, loading & transformation flows and systems integrations.
- Building ad-hoc reports and trending dashboards for our business team.
- Analyzing fraud cases patterns and help identify abnormalities and outliers.

**Biz-Ops Data Analyst, Vendasta Technologies,** Nov 2017 – Oct 2018 (1 Year)

- Working with Marketing and Sales operations department helping them drive growth.
- Building the required reports, KPIs and dashboards to monitor, track and analyze marketing and sales data and communicating that to higher management
- Building revenue operations dashboards that shows bookings, CAC, Churn, ARPA, revenues, SDR and BDR performance along with Leads statistics, conversion points and leads source analysis.
- Contributing to all steps of the data analysis process including hypothesis generation, exploring and cleaning data, data modeling and ETL, communicating results and measuring the implementation.
- Building correlation analysis reports for better decision making.
- Working with Google Cloud solutions including BigQuery, Datalab, Dataprep and Data Studio.

**Founder/CEO**, Smartware, Oct 2014 – Dec 2016 (2 Years)

- Building cutting edge technologies Mobile Apps on Android and IOS.

**Sr. Data Analyst/Team Lead**, STC, Nov 2013 – Sep 2017 (4 Years)

- Helping the Revenue Assurance department to minimize their losses and maximize their revenues.
- Daily monitoring and analyzing our Revenue Assurance KPIs, Report, and Alarms.
- Analyzing all company revenue streams data discovering unusual patterns and abnormalities.
- Building the required dashboards, monitoring points and validations to monitor the revenue chain.
- Analyzing big volume traffic & financial data and building dashboards, trending reports and insights.

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**Business Systems Analyst, WeDo Technologies,** Feb 2012 – Oct 2013 (1 Years, 9 Months)
- Collecting business requirements and system requirements and converting them into system and business rules and integration specification documents to be ready for implementation on Revenue Assurance systems and all integrated IT systems.
- Writing the SOW, SDS, DDD, Test Cases and related documents.
- Building the required integration documents, which include all interface details and requirements.

**Technical Team Lead, NTG Clarity Networks Inc.,** Sep 2010– Jan 2012 (1 Years, 5 Months)
- Leading Development and Operations teams through managing product development and production deployment issues providing coaching and support for the teams.
- Analyzing, documenting and enhancing business processes and requirements
- Managing IT service delivery and product strategic plans

**Senior Software Engineer, Motorola,** Feb 2009 – Sep 2010 (1 Years, 8 Months)
- Working as Java EE Developer using Java and Oracle 10g DB
- Developing the Customer Relationship and Order Management Modules screens.
- Writing code in Java, PL/SQL, shell script, building SOAP and RESTFUL web services.

**Java Software Developer, NTG Clarity Networks Inc.,** Jun 2007 – Jan 2009 (1 Years, 9 Months)
- Working as Java EE Developer using Java and Oracle 10g DB
- Developing the Customer Relationship and Order Management Modules screens.
- Writing code in Java, PL/SQL, shell script, building SOAP and RESTFUL web services.

**Education**
- **Master** of **Computer Science** in **AI and Data Analytics** (2022), Western University
- **Bachelor** of **Computer Science**, Ain Shams University.
- **Specialization** of Software Product Management, University of Alberta.

**Professional Certifications**
- IIBA Certified Business Analyst Professional (**CBAP**)
- **ITIL** Certification in IT Service Management
- Microsoft Azure Fundamentals Certificate

**Trainings & Courses**

Project Management Professional (PMP), Professional Business Analyst- PMI, Business Analysis Fundamentals, Risk Management: Identifying Risks, Revenue Assurance & Fraud Management Best Practice, Finance for Non-Financial Managers, Data Science Fundamentals (Statistics Fundamentals, Hypotheses Testing, ANOVA, Regression Analysis)

**Technical Experience (Programming Languages & Tools)**
- Python, Pandas, NumPy and SciKit-Learn for predictive analytics.
- Google Cloud technologies like BigQuery, Datalab, Dataprep, and Data Studio.
- Microsoft Azure DevOps, Azure ML
- Java, C#, Shell Scripting, Oracle PL/SQL, MS SQL Server, VB.net, C++, R, XML.
- Building complex queries with focus on query optimization and performance enhancements.
- Data Analysis tools: MicroStrategy, Tableau, RapidMiner, SAS Guide, and SAS Enterprise Miner.

**Soft Skills**
- Problem solving skills, Conflict Management, Systems Thinking, Communication Skills, Time Management, Meeting deadlines, Leadership, Attention to details, Organized, Collaborative, Can work in a Team or Work Independently.