Vernon Naidoo, B.A.Sc.

*Analytics specialist with 20 years of experience brings business sense to data analysis*

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***Technical & Business Strengths***

Business Intelligence (BI, MI) SQL (DML, DDL, SSMS) Solid Interpersonal Skills

Data Visualization & Dashboards ETL & Data Warehousing Software Development Life Cycle

UAT & Production Support Data Science (Python, ML, NLP, AWS, GCP) Change Management

***Personal Strengths***

Collaborative Leader Strong Analytical and Problem-Solving Skills Advocate of Deep Understanding

Strong Work Ethic Excellent English Communication Skills Logical Thinker

Self-motivated Team Player Dedication to Continual Learning Creator of Actionable Insights

***Experience***

**Data Science Courses** – *University of Toronto, University of Waterloo* **2020-01 – Present**

* **Cloud Technologies** – AWS, GCP, Docker, Kubernetes, Terraform
* **Natural Language Processing** – *Risk Assessment in Telecom Procurement Contracts*
* **Statistics for Data Science** – *Homeless Shelter Occupancy Analysis*
* **Machine Learning**

**Analytics Product Management:** UK (Remote) **2018-08 – 2020-02**

***Product Manager, Global Data and Analytics*** for Innovation Group, UK

Led global redirection of internal data management (via Tableau) and external analytics product offerings.

* Directed the product roadmap; established JIRA user story standards.
* Achieved effective knowledge transfer from legacy teams; trained and advised new head office staff.
* Created/managed JIRA/Confluence dashboards; reported agile development progress to executives.

**“1insurer Analytics” Software Implementations:** US / UK Clients **2008-06 – 2018-08**

***Senior Business Analyst, Analytics*** for 1insurer (formerly Innovation Group), Toronto

Trained and mentored a cross-functional team of application delivery specialists – BAs, designers, developers, testers in US, UK, Pakistan; supported delivery of IT solutions to enable business outcomes.

* Actively involved across the life cycle (SDLC): requirements, design, customization, UAT, training
* Presented to senior stakeholders at prospective client sites for sales demos.
* Provided support and training to reporting analysts; supported data modeling efforts.
* Worked collaboratively with business stakeholders to maximize value of analytics tools.
* Articulated and documented business requirements (BRD, SRS, SDS) and data analysis results
* Contributed to the maintenance and enhancement of data governance, data quality and related policies

2016 – 2018 Madison, Wisconsin Iterative customizations for Tier-1 insurer (Guidewire source)

2015 – 2016 Folkestone, UK Extended the data model for UK regulations.

2013 – 2014 St. Petersburg, Florida Integrated with SpatialKey for catastrophe-focused client.

2009 – 2015 Laramie, Wyoming Built out for multi-line, including farm-ranch and umbrella.

2009 Columbus, Ohio Tailored out-of-the-box system for non-standard auto client.

**Management Information Consulting: 2004-06 – 2008-06**

**Business Consultant** for Innovation Group, Toronto

Onsite Reporting Team Lead for waterfall client implementation (Property & Casualty Insurance)

* Implemented a bilingual reporting system to successfully drive organizational change.
* Demonstrated ability to work with cross-functional teams.
* Gathered, analyzed and documented business requests, issues, and requirements.
* Wrote technical specifications for a MI reporting system.

**Software Development & Data Mining:**

**SAS Database Developer / Data Mining:** Pembridge Insurance, Toronto **2002 – 2003**

Enabled management team to make well-informed corporate restructuring decisions.

* SAS data mining for actuarial analysis of auto insurance premiums and losses

**Application Designer and Developer:** Allstate Canada Group, Toronto **2001 – 2002**

Achieved regulatory certification for insurance client under the Quebec Automobile Statistical Plan

* Requirements/designer/developer/tester for statistical reporting application, including business logic, user interface, relational database design and programming

**Application Development Consultant:** Locus Systems, Toronto **1998 – 2000**

Contracted to Allstate Canada Group (Allstate, Pembridge, and PAFCO Insurance)

Accelerated the filing of insurance rate changes with provincial regulators.

* Designer/developer of rating engine and desktop publisher for 1000+ page insurance manuals

Created goal-tracking application for provincial and regional managers to use with their direct reports.

* Designer/developer of bilingual performance review application - MS Excel, Visual Basic, VBA macros

***Early Work Experience (Prior to 2000)***

**Associate Materials Engineering Researcher:** Toronto

Celestica Inc. (in Association with the University of Toronto) Research Project

**Metallurgical Engineering Research Assistant:** Timmins, Ontario

Falconbridge Ltd., University of Toronto Professional Experience Year12-Month Co-op Placement

***Education***

**Data Science Certificate (Machine Learning) 2020-01 - Present** University of Toronto / University of Waterloo

– Python, Statistics, Machine Learning, Natural Language Processing (NLP), Cloud (AWS, GCP)

**Web Applications in C#.NET and SQL Server** – Ryerson University, Toronto **2004**

**Oracle 8i Application Development** – University of Toronto **2000**

**Engineering Degree (B.A.Sc.)** – “Materials Science Engineering” – University of Toronto **1996**Chemistry, physics, applied statistical analysis, computer programming