Nitin Wadhwani

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PROFESSIONAL SUMMARY

Detail-focused Lead Developer with extensive knowledge in databases, process validation and business requirements analysis. Proven to understand customer requirements and translate into actionable solutions. Dedicated and hard-working with passion for Big Data and Data Analytics.

EDUCATION

Bachelor of Science | Computer Information Systems, Minor in Business, Major in Computer Science

2017 - 2021

Mount Royal University, Calgary, AB
- Recognized on Dean's List in 2019 & 2021
- Awarded Jason Lang Scholarship in 2021
- Overall GPA: 3.4 / 4 GPA

WORK HISTORY

BUSINESS INTELLIENCE DEVELOPER   *May 2022 to Current*
Precision Drilling | Calgary, Alberta & Huston, Texas

- Developed Drill Pipe Excess Wear calculator (web app) with snowflake backend for our Canadian fleet of rigs, company collected $7.3 million to date using my solution. Also implemented a machine learning model which was used to forecast Drill Pipe wear, enabling our supply chain to stay ahead of the industry.
- Developed Fleet Wide (205 Drilling Rigs) Rig specification dashboard (in PowerBi) with a snowflake backend, for Sales and Marketing, used companywide, and externally to enable the sale of Drilling Rigs.
- Developed Fleet Wide compliance dashboard to show our engineering recommendations to the operator (client) vs actuals on the Drilling Rig based on real time data.
- Developed Fleet Wide Evergreen Emission reporting dashboard to display emission saved by using our Evergreen Battery on our Drilling Rigs these metrics include CO_2, CH_4, NO_2 etc. Used a snowflake backend to perform complex aggregations on our 1 second data coming from the Battery and Engine Generator sensors.
- Wrote advanced Queries & Developed Tables & Views in (MySQL) Snowflake DB in order to preform ETL (Extract, Transform, Load) on data for use in business intelligence applications.
- Wrote multiple API's in python to connect multiple data sources (published thru Azure Functional App and tested using Postman). Used within Power Apps to transact data to and from Snowflake db.

- Gathered requirements / design / develop / and manage Power BI Solutions involving complex level of DAX and Power Query, Also Utilized Power Apps and Power Automate to enhance visualization and reporting capabilities.
- Provided mentorship and support for other team members' learning and development.
- Technical expert for identified applications: PowerBi, PowerApps, Microsoft Flow/Power Automate, Snowflake, SQL, Python, Java, Node.js, React.js, Azure Blob Storage and Data Lake.

SYSTEMS ENGINEER / BI DEVELOPER   *January 2020 to January 2021*
TC Energy (formerly TransCanada Pipelines) | Calgary, Alberta

- Involved in gathering business requirements, writing specifications and test scripts on multiple project lifecycles
- Created Power Bi Dashboards linked with Amazon RedShift Database to display live incident, demand and time allocation metrics which enabled upper management to track employee resources
- Resolved over 300 day to day business unit problems primarily related to SAP Projects with exposure to ServiceNow - educating employees on troubleshooting and problem-solving protocols
- Pinpointed company wide SAP PPM issue, updated the conflicting script and software packaging, released this fix company wide – estimated cost saving of $200,000.
- Live application support to identify, mitigate and test software bugs in Java, VBA and within SAP Project Systems
- Developed tables, views, triggers and advanced query's using SQL
- Proposed technical feasibility solutions for new system designs and suggested options for performance improvement of technical components

DATA ANALYST   *May 2019 to September 2019*
Petrotranz | Calgary, AB

- Developed Mobile application using Power Apps to track customer feature requests
- Created Power Bi Dashboards to display internal metrics, and current bug fixes along with their development status
- Collaborated with team members in creating business requirements and wireframes following HCI principles and UX design
- Assisted with soliciting customer feedback activities including planning, gathering and analyzing feedback, directly communicated, and engaged with customers in person
- Researched RESTFUL API's and utilized within new solution
- Updated organizational systems and subsystems to improve and streamline data collection

SKILLS

- Programming Languages: DAX | Java | CSS | HTML | JavaScript | React.JS | Bootstrap | MySQL | Node.JS | Bash Scripting | PHP
- Agile/Scrum, Waterfall Methodology
- HCI Principles & UX Design
- MS Visio, MS Excel, MS Projects, MS Office
- Project Management
- Technologies: PowerApps | Snowflake | SAP | PowerBi | Azure DB | MongoDB | Postman |
- Infrastructure: Azure, AWS, VMware, Windows, MacOS and Linux
- Strong Interpersonal and Communication Skills
- Software Testing, Validation, Deployment

CERTIFICATIONS

- Microsoft Azure Data fundamentals ICT 903 – From the University of Calgary
- Advanced Google Analytics Certification

WEBSITE/ PORTFOLIO

https://nitinw1.github.io/