GURNOOR SINGH

Data Engineer

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github.com/imgurnoor

EXPERIENCE

Data Practitioner (Senior Analyst)

Wipro DO&P (Blackstone CoE)

📅 May 2020 – Present   📍 Gurugram,India

1. Key Architect and SME of all Data Control Checks, Audit logs and Automation projects built in Python using Pandas and NumPy.

2. Created Snowflake views for live monitoring of the overall health of Data stored in MDM, through health score calculation.

3. Utilized dbt (Data Build Tool) for seamless and efficient database migration, resulting in improved metadata management, data discoverability, and productivity. Collaborated closely with stakeholders to ensure seamless integration and implementation of the solution.

Data Analyst

Ernst and Young

📅 September 2018-May 2020   📍 Gurugram,India

1. Worked on Alteryx, SQL and Python to wrangle data while handling large size data-sets.

2. Worked extensively with data analysis solutions for major International public companies, including several Fortune 500 companies.

3. Undertook necessary measures for optimization of existing data analysis procedures, and processes.

Software Engineering Intern

Testing and Consultancy Cell

📅 June 2017 – August 2017   📍 Ludhiana, India

- Worked on various open-source projects including Open Street Map and Linux servers.

Android trainee

Auribises Technologies Pvt Ltd

📅 June 2016 – July 2016   📍 Ludhiana, India

- Did Industrial Training in Java and Android App Development

SKILLS

SQL
Python: Numpy, Pandas
Linux CLI
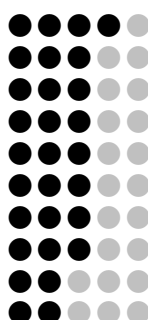Alation, Snowflake, Alteryx
Jupyter Notebook, VS code
Microsoft Excel
Git, DBT
LaTeX
Docker
Android, HTML/CSS

PROJECTS

Control Checks

- Helped the Management identify the key controls across various MDM segments, and conceptualize them to Python using Pandas thus ensuring Data completeness and accuracy. Started this project from its pilot phase, and successfully led it to completion across all segments.

Audit Log Automation

- Reduced the manual effort of overall MDM data reconciliation by 100% through Python based Audit logs. Snowflake view tables were used to store the data, automated via Cron-jobs.

Snowflake Views

- Created/modified Snowflake views of MDM data. These views were specific to various diverse segments of the above cited projects, and other ad-hoc or specified purposes based on business requirements. Later migrated the database using dbt (Data Build Tool).

Alation's API: Unleashing Discoverability

- Collaborated on optimizing catalog management for meta-data using Alation APIs, which allowed for efficient and scalable handling of data cataloging processes. Leveraged Alation's powerful API capabilities to streamline meta-data management and improve data discoverability for the team.

HONORS & AWARDS

- Awarded multiple times with **Creating Magic Award** and **Extra Miler Award** for exceptional client service.

- Recognized as an exceptional data wizard with **EY Bronze Badge** for proficiency in Python and Alteryx, and awarded **EY Extra Miler** and **EY Bravo Reward** Awards for outstanding client service.

EDUCATION

B.Tech in Information Technology

Guru Nanak Dev Engineering College Punjab, India

📅 2014-2018

High School

Guru Nanak International Public School

📅 2014

Secondary School

Guru Nanak International Public School

📅 2012