

GURNOOR SINGH

Data Engineer

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in gurnoor-singh-699a6397

EXPERIENCE

Data Engineer (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. Conceptualized end to-end solutions for management and scheduling for Governance of MDM Data through Snowflake (SQL).
3. Created Snowflake views for live monitoring of overall health of Data stored in MDM, through health score calculation.

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 Administration, RegEx

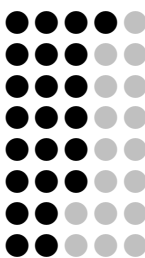
Alteryx, Docker, Snowflake

Microsoft Excel, Jupyter Notebook

Git, Vim, LaTeX

Android, HTML/CSS

HTML/CSS



PROJECTS

Control Checks - BX

- 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 - BX

- 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 - BX

- 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.

HONORS & AWARDS

- Awarded with **Creating Magic Award** and **Extra Miler Award** for demonstrating exceptional skills in delivery, client communication and relations.
- Awarded with **EY Extra Miler Award** for exceptional client service.
- Reward and Recognition **EY Bravo Reward Award** from America's Onshore team
- **EY Bronze Badge - Data Science** for having proficiency in Python and Alteryx and implementing them to achieve efficiency in performance

EDUCATION

B.Tech in Information Technology

Guru Nanak Dev Engineering College Punjab, India

2014-2018

High School

Guru Nanak International Public School (CBSE)

2014

Secondary School

Guru Nanak International Public School (CBSE)

2012