



Vinayak Moudgil

Nationality: Indian

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ABOUT ME

I am a data analyst passionate about working with organisations that want to make effective use of their data (Big Data), from the first ideas around what you want to measure and how to capture data accurately (AWS, Business Intelligence, Cloud computing, Python, SQL), through data preparation, analysis and management (AWS, Business Intelligence, Cloud computing, Data analytics, Statistics, Data exploration, Data Management), all the way to impactful presentation of insights (Data Visualisation, Tableau). I can support each step of the process to enable your organisation in making evidence-driven decisions or share insights with new audiences.

DIGITAL SKILLS

Technical Skills

Python Scripting / AWS / Big data / Snowflake / Data Analysis & Statistics / Cloud Computing / Extract Transform Load (ETL) / POSTGRES / Data Visualization (Tableau, Carto) / Oracle SQL / PLSQL / Data Gathering, Data Processing, Data Visualization, Data Analysis / Business Intelligence/Business Analytics / Python

Operating Systems

Windows, Linux / Mac-OS

Database

Postgres / Oracle PLSQL / MySQL

IDE's

SQL Plus, TOAD, DBeaver, PEM, Pycharm 2021.3.1, SQL Loader

Project Repositories

Github / SVN Tortoise

Reporting Tools

Atlassian Confluence and Jira / Open Project

WORK EXPERIENCE

Senior Software Engineer

Accion Labs India Private Limited. [16/08/2021 – Current]

City: Bengaluru

Country: India

Project: Kroger and Albertson Report optimisation and automation

Roles and Responsibilities:

- **Data Analysis** and optimisation.
- Developing **Python and Shell Scripts**.
- **Data Engineering**.
- Performance optimisation in **snowflake**.
- Automation of the manual steps using shell scripts.
- Analysed **big data**.

Developer

Vitech Systems Asia Pvt. Ltd. [02/11/2020 – 13/08/2021]

City: Hyderabad

Country: India

Project: Vitech Research and Development

Roles and Responsibilities:

- **Performance tuning for complex PGSQL** as well as PLSQL queries.
- **Gathering statistics** for the table and optimising the way of running the functions.
- Using Global temporary tables in PGSQL and PLSQL to minimise the time taken by the function to complete.
- Internal Upgradation for Manulife Client, MTRS Client from oracle to Postgres using internal tools made by the organisation.
- **AWS RDS** service used for backup and disaster recovery.

Senior Software Programmer

IndiaMART InterMESH Ltd. (Noida) [20/08/2019 – 30/10/2020]

City: Noida

Country: India

Project: Product Approval database implementation on Postgres from Oracle

Roles and Responsibilities:

- **Query Optimisation, query automation**, Job scheduling, Table shrinking in Oracle PLSQL.
- **Requirement analysis**, Documentation, Development, Migration and Implementation of the new requirements.
- **Report automation** using job scheduler.
- Code Reviews, Code Branching Strategies, Technical Trainings & Leading a team of software developers.
- Created foreign tables, function, dynamic pgsql and view creation.
- **Object analysis** (Tables, Procedures, Triggers, Materialised views, functions) which includes the understanding of dependence and functionality of the objects.
- For deep insight generation performed **factor analysis** on the user data and provided data **visualisation** using gantt chart using **tableau**.

Senior Software Engineer

Infosys Limited (Bengaluru) [01/01/2019 – 20/08/2019]

City: Bengaluru

Country: India

Project: LinkedIn Issue Resolution, Marvell Cavium Integration

Client: LinkedIn, Marvell

Roles and Responsibilities:

- Working on Oracle Service Contracts.
- New Service Contract Creation, termination and Expiry for the items sold.
- Debugging and customisation to the developed code.
- Automation Using **Excel Macro**.
- **Database Architecture** like Postgres.
- **Data Modelling** for new enhancements.
- Analysis and Providing solution to the Problems faced in SIT Stage.

Software Engineer

Infosys Limited [31/05/2016 – 31/12/2018]

City: Bengaluru

Roles and Responsibilities:

- Analysing the changes required and new changes to be implemented in DB Objects.
- Documentation like **Analysis Document**, MD070, MD120 etc.
- **Primary data collection** from the database for long running function analysis.
- **Python, DBMS and Oracle PLSQL** trainings.

EDUCATION AND TRAINING

Bachelors of Technology

Punjabi University [06/08/2012 – 26/05/2016]

Address: NH 64, next to Urban Estate Phase II Patiala, Punjab, 147002 Patiala (India)

<http://www.punjabiuniversity.ac.in/>

Field(s) of study: Electronics and Communication Engineering

Final grade : 81.9%

Senior Secondary (12 class) Examination

SAFFRON CITY SCHOOL [01/04/2011 – 28/05/2012]

Address: KOTLA BAJWARA SIRHIND CHANDIGARH ROAD DISTT. FATEHGARH SAHIB, 140406 FATEHGARH SAHIB (India)

<http://saffroncityschool.com/>

Field(s) of study: Physics, Chemistry , Mathematics

Final grade : 81.8%

Secondary (10 class) Examination

SAFFRON CITY SCHOOL [01/04/2009 – 28/05/2010]

Address: KOTLA BAJWARA SIRHIND CHANDIGARH ROAD DISTT. FATEHGARH SAHIB, 140406 FATEHGARH SAHIB (India)

<http://saffroncityschool.com/>

Final grade : 83.6%

LANGUAGE SKILLS

Mother tongue(s): **Panjabi/Hindi**

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

ORGANISATIONAL SKILLS

Planning, Problem solving, Time management, Teamwork

Certification and Participation

- Internal certifications in **E-Business Suite, PL/SQL Programming** as part of Stream training.
- Certification in **Data Visualization using Tableau Desktop** from Infosys.
- Certified in **Design Thinking** by Infosys.
- Certified in SQL intermediate from Hacker rank.
- Certified in Python Basic from Hacker rank.
- Certified Postgres SQL Skill from SKILLVALUE

HOBBIES AND INTERESTS

Bhangra (Dance)

Participated in BHANGRA at National Level (Bhangra Arena, Delhi), district level event and zone level event.

https://www.youtube.com/watch?v=zSikIM66cr8&ab_channel=HarjotHundal

Basket Ball

Played Basket ball tournaments on zone level.

PERSONAL COMPETENCE

Flexibility, Creativity, Willingness to learn, Logical thinking

I hereby declare that all the information given above is true and correct to the best of my knowledge.

Bengaluru, 10/04/2022



Vinayak Moudgil