JAINIL PATEL

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SUMMARY

Detail-oriented Data Analyst with hands-on experience in SQL, Power BI, and statistical analysis, specializing in data visualization, modeling, and automation. Skilled in Python, SQL, and cloud technologies, capable of handling large datasets and creating actionable insights to solve complex business challenges.

SKILLS

- **Programming Languages & Data Engineering:** Python, JavaScript, Scala, SQL, Spark, Kafka, Hadoop
- **Visualization:** Tableau, Power BI, Microsoft Excel , Jupyter Notebook, Google Colab, ETL process
- **API Development & Automation:** Flask, Django, Node.js, Airflow, Jenkins, Docker, Kubernetes
- **Cloud Technologies:** AWS, GCP, Azure, OpenShift, Sagemaker
- **Database Systems:** MySQL, PostgreSQL, Microsoft SQL Server, Big Query
- **Statistical Analysis:** A/B Testing, Hypothesis Testing, Chi-Square, Normal & T- distributions
- **Version Control:** GIT, Github, Jira
- **Software:** Microsoft Office, SAS, PowerPoint, Advanced Forecasting Software

EXPERIENCE

• InfoLabz [🌐]   *Jan 2024 - Currently*
Junior Data Analyst   Remote

- Extracted, transformed, and managed large datasets from cloud-based storage solutions (AWS, GCP), for streamlining data accessibility and scalability.
- Developed and deployed APIs and containerized applications using Flask, Docker, and Kubernetes to address inefficiencies in data integration, significantly enhancing process efficiency.
- Conducted data analysis using SQL to resolve underperforming data models and reports, improving performance and efficiency.
- Designed and developed over 20 Power BI dashboards with advanced visualizations like Key Influencers and Decomposition Tree, providing actionable insights and aligning visualizations with business goals to improve decision-making.

• Assertion IT [🌐]   *Jan 2022 - Dec 2023*
Junior Business Analyst   Ahmedabad, India

- Utilized SQL and Excel to address compliance risks in reporting, increasing reporting efficiency and ensuring accurate insights.
- Applied data warehousing concepts in PostgreSQL to handle large datasets, ensuring data integrity and improving accessibility for seamless querying.
- Automated data pipelines using Airflow to eliminate inefficiencies in the ETL process, significantly reducing data processing times.
- Developed Tableau dashboards to overcome a lack of visibility into business metrics, enabling strategic adjustments and boosting stakeholder engagement.
- Collaborated with cross-functional teams using Jira to resolve project delays, managing tasks in an Agile environment and achieving faster delivery timelines.

• ARE InfoTech Company [🌐]   *Jul 2021 - Dec 2021*
Intern - Software Developer   Ahmedabad, India

- Utilized PostgreSQL to manage and optimize large datasets (1 million+ rows), resolving performance bottlenecks and significantly improving database efficiency.
- Conducted exploratory data analysis using Spark and Kafka to address limitations in code readability and data processing, resulting in increased website traffic.
- Developed and deployed microservices with Flask and Docker to overcome system rigidity, enhancing modularity and scalability.

PROJECTS

• **E-Commerce and Brick & Mortar Sales Analytics Dashboard: [🌐]**   *May 2024 - Aug 2024*
Power BI, Microsoft SQL, Python, Jupyter NoteBook
  ◦ Designed a multi-view dashboard for six departments to address the lack of sales trend insights, enabling data-driven decisions and improving business processes.
  ◦ Integrated data from SQL and Excel (1M+ records) to resolve inefficiencies in data processing, enhancing processing speed and optimizing storage usage.
  ◦ Applied statistical analysis methods (A/B Testing, Hypothesis Testing) to uncover key performance drivers, directly boosting business process efficiency.

• **Customer Insights and Sales Performance Analysis:**   *May 2024 - Aug 2024*
Tableau, MySQL,BigQuery
  ◦ Managed large datasets and developed **SQL queries** to improve Big data retrieval efficiency.
  ◦ Created interactive dashboards in Tableau that enhanced stakeholder understanding of customer segmentation and sales trends, boosting engagement.
  ◦ Applied machine learning techniques to predict customer churn, improving retention strategies.

CERTIFICATIONS

• **CodeBasic:** Excel: Mother of Business Intelligence   *Nov 2024*
• **CodeBasic:** Power BI Data Analytics for All Levels   *Oct 2024*

EDUCATION

• **Laurentian University**   *Jan 2023 - Jun 2024*
Master's in Computational Science   Sudbury, Canada
  ◦ CGPA: 8.4

• **Indus University**   *Aug 2018 - May 2022*
Bachelor of Technology: Computer Engineering,   Ahmedabad, India
  ◦ CGPA: 9.4

LEADERSHIP EXPERIENCE

• **Founding Member**   *Apr 2020 - May 2022*
Learner: The Programming Club of Indus CodeChef
  ◦ Organized seminars and workshops, promoting competitive programming and DSA techniques, improving students' understanding by **40%** through targeted training sessions.
  ◦ Held seminars to discuss various DSA techniques and competitive programming strategies.
  ◦ Conducted in-depth reviews of problem areas identified by **75 students** during contests, implementing tailored strategies that enhanced understanding and retention of key concepts by **over 40%** in subsequent contests.

VOLUNTEER EXPERIENCE

• **Research Assistant**   *May 2023 - Jan 2024*
Laurentian University
  ◦ Used NS-3 and Veins to explore methods for optimizing data extraction and analysis.
  ◦ Automated the extraction of simulation results and stored them in an SQLite database.