Colin Roberts

Data Analyst & Data Engineering

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PROFESSIONAL EXPERIENCE

2023 – 2024

Position: Lead Data Analyst & Power BI Engineering Expert

Company: Independent Contracts Business Intelligence reports

• Power BI Mastery: Spearheaded complex report development, dashboard creation, and

forward-looking business forecasts.

• Data Optimization: Built robust databases with a focus on data transformation, cleansing, and

utilized DAX to drive sophisticated analytical outcomes.

• Client Relationship Excellence: Cultivated strong relationships with stakeholders, tailoring analytics to align with evolving business needs and direction.

2012 - 2023

Position: Principal Business Growth Strategist & Power BI Innovator

Company: Bloom Business Solutions

• SQL Skills: SSMS/SSRS Design databases by defining tables and their relationships, ensuring data is stored efficiently and logically. Cleaned and transformed data to ensure it is compliant and ready for SQL queries. Also created indexes to improve the speed of data retrieval operations in a database. Query optimization, helping in enhancing the performance of database operations. Create and automate reports, providing regular insights into various metrics and KPIs.

• Analytical Pioneering: Championed the integration of Power BI, creating actionable reports,

dashboards, and analytics, directly contributing to client business growth strategies.

• Database Leadership: Led the design and management of client-centric relational databases.

• Boomi Processes: develop, design, test, implement and manage integration solutions using the Dell Boomi platform to connect various systems, applications, and data efficiently across organizations.

• Business Strategy Partner: Engaged intimately with clients, synthesizing visual report

requirements, branding insights, and strategic initiatives, while aiding businesses with crucial

aspects like LLC acquisitions.

2023 – present Graduation 8/23

Vanderbilt University

• Data Analytics, SQL, PostgreSQL/pgAdmin, MongoDB, SSMS, SSRS, Extract, Transform, Load (ETL) process, Python 3, APIs, NumPy, SciPy, Pandas, Matplotlib, Tableau, R programming. Hadoop, Machine learning.

• SQL Skills: Design databases by defining tables and their relationships, ensuring data is stored efficiently and logically. Cleaned and transformed data to ensure it is compliant and ready for SQL queries. Also created indexes to improve the speed of data retrieval operations in a database. Query optimization, helping in enhancing the performance of database operations. Create and automate reports, providing regular insights into various metrics and KPIs.

2008 -2012

Art Institute of Pittsburgh

• Degree: Bachelor of Science in Computer Science & Data Analytics.

• Specialized Training: Advanced Graphic & Web Design leveraging Adobe Suite.

SKILLS & EXPERTISE

• Power BI Mastery: DAX Architecture, Business Trend Analysis, and Intuitive Interface

• Database Engineering & Analysis.

Development.

• SQL Skills: Design databases by defining tables and their relationships, ensuring data is stored efficiently and logically. Cleaned and transformed data to ensure it is compliant and ready for SQL queries. Also created indexes to improve the speed of data retrieval operations in a database. Query optimization, helping in enhancing the performance of database operations. Create and automate reports, providing regular insights into various metrics and KPIs.

• RDBMS Excellence: Design and manage databases with DBA concepts for MySQL, PostgreSQL,

IBM Db2.

• Database Innovations: Advanced SQL queries, Nested Queries, JOINs, and stored procedures.

• Big Data & NoSQL: Proficient in MongoDB, Cassandra, Cloudant, Hadoop, Apache Spark.

• Data Pipelines: Design and manage using Bash, Airflow, Kafka; Architecting & deploying Data

Warehouses.

• Advanced Data Tools: Python, R, C++, SQL, Pandas, JSON, Kafka, Airflow, CRON jobs,

Bash/Shell scripting.

PROFESSIONAL CERTIFICATIONS

Accreditations from IBM

• Power BI Advanced Development

• Cutting-edge SQL and Data Analysis

• Elite Data Warehousing & BI Analytics

• Mastery in NoSQL Databases

• Big Data Expertise with Spark & Hadoop

• Data Engineering & ML using Spark

REFERENCES

• Beauford Jones

Strategic Partner & General Manager, Bloom Business Solutions

Phone: (928) 669-0547

• Mark Owens

Visionary Business Owner, Get Smart

Phone: (445) 540-9887

• Peter Cleveland

Technology Director, We do it Right LLC

Phone: (408) 540-9887