

Colin Roberts

Power BI Specialist & Data Engineering Expert

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PROFESSIONAL EXPERIENCE

2023 –

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: 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.
- 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.

EDUCATION

2008 -2012

Volunteer State College

- Advanced Study: Computer Science, Data Science Analytics, CAD, HTML5, PHP, JavaScript, and Database Engineering & Analysis.

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 Development.

- Boomi Integration Professional, Architect and maintain processes implementing logic to design dynamic business rules.

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- 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

- Integration Boomi Professional
- 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

- Hashmis Pitali

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

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