MICHAEL ANDERSON

Senior BI Engineer

CONTACT

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- San Francisco, CA

EDUCATION

Bachelor of Science in Industrial Engineering

Georgia Institute of Technology
2013

SKILLS

- SQL
- Python
- Power BI
- Data Analysis
- Manufacturing Analytics
- Data Visualization

LANGUAGES

- English
- Spanish
- French

As a driven BI Engineer with over nine years of experience in manufacturing analytics, I specialize in using data to optimize production processes and enhance operational efficiency. My career has been marked by my ability to translate complex data into actionable insights, significantly improving supply chain management and cost reductions.

💼 WORK EXPERIENCE

Senior BI Engineer 2020-2023

Manufacturing Insights LLC

- Developed a comprehensive BI framework that integrated production data, improving decision-making speed by 30%.
- Utilized SQL and Python for data analysis, identifying bottlenecks in production that led to a 15% increase in output.
- Created dashboards in Power BI that provided real-time insights into manufacturing KPIs.
- Collaborated with supply chain teams to analyze inventory data, resulting in a 20% reduction in holding costs.
- Conducted training for staff on BI tools and data interpretation, enhancing overall team capabilities.
- Monitored data quality across various production databases, ensuring compliance with industry standards.

BI Analyst 2019-2020

Precision Manufacturing Co.

- Analyzed production data to identify trends and efficiency gaps, providing insights that drove operational changes.
- Developed SQL queries for data extraction and reporting, improving the accuracy of production forecasts.
- Created visual reports that tracked production metrics, facilitating better management decisions.
- Worked with IT to enhance data collection methods, resulting in a 25% increase in data accuracy.
- Participated in strategic planning sessions to align BI initiatives with business objectives.
- Provided support for ad-hoc analytics requests from various departments.

★ ACHIEVEMENTS

- Received the Excellence in Data Analysis Award for outstanding contributions to production optimization.
- Implemented a BI solution that improved production efficiency by 30% across multiple plants.
- Awarded a commendation for significant cost reductions achieved through data-driven