Ryan Brown

M: (678)-472-0321

me@ryanbrown.engineer

Executive Summary

- Proven and highly motivated data management professional with practical experience in both engineering and business applications
- BS Mechanical Engineering/Business Minor graduate of Auburn University (Cum Laude)
- Accepted and intend to enroll in Georgia Tech MS Analytics program beginning Spring 2025

Work Experience

Data and Management Consultant – RB Services LLC (Alanta, GA)

9/2021 - Present

- Providing data consulting services as an independent contractor, primarily in the energy infrastructure industry
- Digital Twin 3D models/BIM management
- Procurement Tracking/Prioritization
- Extract/Transform/Load and analysis of data for executive management reports
- Data aggregation and visualization
- Detailed invoice forensic analysis/auditing (overcharging/double invoicing/timeclock data/etc.)
 - o In excess of 8-figures worth of realized payment credits and savings
- Python, MongoDB/SQLite3, VBA, PowerBI, and Tableau as needed

Project Manager - Limetree Bay Refining (St. Croix, USVI)

7/2019 - 6/2021

- Managed the Pipe Cleaning Scope of Work in Excess of \$35M
 - o Peak Manpower of 70 Direct and Indirect Reports
 - Utilized existing Turnaround scoping data, along with various other sources to develop a comprehensive pipe cleaning work scope and schedule
- Coordinated testing of over 3200+ contractor personnel from over 100 different contractor companies on a rolling 14-day basis
 - Summarize/Visualize/Dashboard incoming data for USVI DOH and executive management (36,000+ tests over 14-month timeframe)
- Performed multiple contractor audits, analyzing invoices and timesheet data
- Conducted daily morning brief with executive management and key project stakeholders maintaining/dashboarding project KPIs and action items

(Various Roles) CB&I/McDermott International (PA, TX, NJ, and LA)

7/2016 - 7/2019

- Performed various roles in the Energy Infrastructure EPC industry as part of the CB&I CTP Rapid Development Rotational Program (Field Engineer | Design Engineer | Project Manager | Technology Manager)
 - Managed Fabrication Project Scope in Excess of \$40M
 - Automated Digital Twin 3D model for tracking engineering/procurement/fabrication/construction/testing statuses
 - 4D scheduling visuals using 3D plant model along with Primavera P6 Scheduling Data to assist field construction crews with 3 Week Lookaheads
 - Bootstrap Electronic Time Sheets system for meta data tracking of foreman timesheets
 - Audited Timeclock data for employee and contractor compliance
 - Create centralized reports of construction progress/field test packages/check-sheet and turnover statuses
 - Used historical weather data to successfully justify multimillion dollar capex project for covered shipping facility with DCF that proved NPV of facility was less than 5 years prior downtime expenditures
 - Revised/automated the work package creation process to reduce creation time by 90%