



Consulting | Project Management | Data Science

With 8 years of consulting, engineering, and project management experience I bring a balanced approach to both qualitative and quantitative challenges

Key Strengths

Project Engineering / Management • Construction • Python • SQL • Data Visualization
Process Improvement • Power Point • Excel • Primavera P6 • Schedule Analysis

Summary of Qualifications

- Eight years of consulting, engineering and project management experience bringing a balanced approach to both qualitative and quantitative challenges
- Proficient in working directly with clients to perform needs assessments and design targeted technical and project solutions.
- Key strengths include project engineering, project management, energy markets, schedule analysis, Primavera P6, Python, SQL, PowerPoint, Excel, Data Visualization, and Financial Analysis.
- Sustained excellence in leveraging technical engineering, analytical, and consultation capabilities to maximize efficiencies and cost savings in planning and execution.
- Talent for creating key performance indicators / metrics that support production targets; well versed in performing research and data / statistical analyses to strengthen processes and identify / rectify problems.

CAREER HIGHLIGHTS

Project Controls, Tri-State, Denver, CO • 2019

Provided project engineering guidance and support for project managers and engineering managers.

- Worked with cross functional teams to re-develop a scheduling and business processes to enhance communication between departments which has resulted in a 30 percent reduction in Internal Schedule Delays
- Utilized critical path analysis to quantify delays and provided guidance to project managers to maintain project finish dates
- Developed metrics and worked with Power BI Developers to develop a reporting system that tracked schedule participation metrics of all departments resulting a 60 percent increase in participation

Project Controls Consultant, Delta Consulting, Denver, CO • 2016-2018

Performed forensic schedule analysis to advise clients on a multitude of project management issues

- Analyzed and performed root cause analysis on 5 billion dollar and schedule/process changes to bring the project back on schedule.

Project Engineer, CASEY INDUSTRIAL, Denver, CO • 2016-2018

Provided project engineering guidance and support for field operations, including issues related to estimating, procurement, and process controls.

- Provided project engineering support for field operations encompassing estimating, procurement department, and project controls.
- Developed and presented an after-action review of project buyout process to C-suite executives and board members. Key changes were made to the work flow process between the estimating and procurement department.



Fluids Systems Consultant, MI SWACO (Schlumberger Company), Anchorage, AK • 2014-2016

Charged with designing and implementing fluid system to address catastrophic engineering issues on 2nd most expensive oil well in U.S. history. Managed materials, including packaging, transport, and loading at three ports and two warehouses to ensure availability of fluid systems during shell drilling season.

- Delivered 12 subsystem projects for Conoco during tenure, all between 10% and 60% under cost targets.
- Led efforts to develop 14-stage fluid management plan for \$1.5 billion oil well that provided schedule, production, and productivity controls and metrics, while also reducing environmental risk.
- Highlighted company's added value to client related to North Slope Kuparuk operations by creating and tracking key performance indicators during challenging time of falling oil prices.
- Promoted to lead engineer with 20 million dollar yearly budget and trained entry level engineers.
- Spearheaded 10% to 60% reduction in fluid costs, along with 30% reduction in transportation costs by developing related rates model, key to design of dilution optimization strategy.

Fluid Systems Consultant, HALIBURTON BAROID, Casper, WY • 2012-2014

Orchestrated efforts to reduce material imports / exports, as well as high-risk operations for \$70 million drilling operations in Alaska by developing mathematical models that optimized fluid management procedures.

- Produced impressive reduction of 33% or \$20 million in energy development costs by reengineering drilling processes during preconstruction.
- Lowered raw material costs by 20+%, while increasing productivity of overall drilling operations through greater lubricity by introducing and integrating advance technologies.
- Enabled client to secure additional 3,200 acres of exploration rights by mitigating severe risks to project schedule through targeted advisement on optimal process improvements and efficiencies.

Cement Technical Professional, HALLIBURTON, Williston, ND • 2010-2012

Instituted process improvements that decreased probability of continuous schedule delays through use of statistical analysis.

- Developed 3-dimensional models of cement mixing plant and associated field equipment for use as training aids.
- Advised clients on optimal fluid systems for their specific applications through use of 3-dimensional CFD computer models.

EDUCATION / CERTIFICATION / SPECIALIZED TRAINING

Master of Business Administration (expected graduation 2018) – GPA 3.7/4.0, University of Denver, Daniels College of Business

Bachelor of Science in Civil Engineering (2009), Washington State University

Engineer-in-Training, State of Washington Certification

12-week Drilling Fluids Engineering School (2012), Halliburton Baroid

18-week Technical Training Program (2010), Halliburton

Associates of Science of Transfer (2007), Highline Community College

Private Pilot License (2003)

500 Hours Pilot in Command, 150+ Hours Light Twin as of 2018