



**Exponent**<sup>®</sup>  
Engineering & Scientific Consulting

## Saveesna Baskaran, PMP

Manager | Construction Consulting

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### Professional Profile

Saveesna Baskaran, PMP, is a capital program management and project controls professional with over 11 years of experience in oil and gas, manufacturing, data centers, and infrastructure sectors.

She specializes in controls transformation consulting, cost management, governance framework design, and project management information system (PMIS) advisory for clients managing large, complex capital portfolios.

She brings a process-first approach to lead enterprise-level controls transformations, working with stakeholders across business units to assess current-state processes, define target operating models, and implement standardized frameworks that improve consistency, forecast accuracy, and decision-making. Her experience includes establishing governance structures, implementing stage gate processes, and developing reporting frameworks that provide visibility into portfolio performance.

Ms. Baskaran develops data-driven reporting solutions using Power BI, SQL, and Excel to support executive-level decision-making. She is experienced in PMIS selection and implementation, translating business requirements into system solutions and supporting deployment from an end-user perspective.

Prior to consulting, Ms. Baskaran spent six years in manufacturing operations managing capital programs, process optimization, and Lean Six Sigma initiatives, delivering over \$12M in cost savings. This operational foundation provides her with a practical understanding of project execution, which she integrates into her advisory work.

### Academic Credentials & Professional Honors

M.Eng., Civil Engineering, Texas A&M University, 2015

B.Eng., Civil Engineering, Anna University, 2011

### Prior Experience

Director; Construction, Projects & Assets; FTI Consulting, Denver, CO, 2021 - 2026

Senior Process Engineer; Cooper Tire & Rubber Company, Texarkana, TX, 2019 - 2021

Process Control Manager; CertainTeed (Saint-Gobain), Texarkana, AR, 2016 - 2019

Capital Projects Engineer; CertainTeed (Saint-Gobain), Texarkana, AR, 2015 - 2016

## Professional Affiliations

Project Management Institute - PMI (Mile-Hi Chapter)

Association for the Advancement of Cost Engineering - AACE (Rocky Mountain Section)

Colorado Association of Geotechnical Engineers - CAGE

## Project Experience

### **Oil & Gas Downstream: Project Controls Transformation & Technology Advisory**

Led a multi-phase project controls transformation for a \$50M+ capital portfolio across five delivery teams.

- Conducted stakeholder workshops across business units to assess current-state controls across the full project lifecycle
- Mapped end-to-end processes, defining roles, deliverables, and approval structures
- Designed and implemented a standardized governance framework, including stage gates, escalation thresholds, and RACI matrices
- Developed operating procedures across all lifecycle stages from funding through closeout
- Established a monthly variance review cadence and coached project managers on forecasting methodologies and earned value management
- Redesigned month-end close processes, reducing cycle time from 15 days to 8 days
- Served as technical SME for PMIS requirements, supporting vendor evaluation and implementation strategy

### **Global Data Center: Portfolio Governance & Integrated Project Controls**

Provided project controls and governance advisory for a \$1B+ global data center portfolio consisting of 190+ projects across six continents.

- Designed and implemented stage gate governance framework for project intake and approvals
- Developed Power BI dashboards providing visibility into cost performance, schedule adherence, and portfolio health
- Executed portfolio-wide forecasting and earned value management analysis
- Improved approval efficiency by 30%, increased forecast accuracy by 35%, and reduced project delays by 26%

### **Infrastructure: Cost Performance Monitoring & Program Controls**

Delivered project controls advisory for a client managing 200+ active construction projects without centralized controls.

- Developed standardized project management playbook and reporting framework
- Implemented cost performance monitoring and change order management processes
- Established approval thresholds and impact assessment protocols
- Developed portfolio-level dashboards for cost and schedule visibility
- Supported financial oversight through Work In Progress (WIP) reviews and performance reporting

### **Utilities: Enterprise Organizational Change Management**

Led organizational change management efforts for an enterprise-wide project controls transformation.

- Conducted stakeholder interviews across 50+ participants to assess change readiness and identify risks
- Developed communication and engagement strategies to support adoption
- Embedded Organizational Change Management (OCM) approaches into pilot rollouts and broader implementation
- Established sustainment frameworks to support long-term adoption

### **Manufacturing: Capital Program Management & Process Optimization**

Managed capital projects and process improvement initiatives across manufacturing facilities.

- Delivered capital projects from front-end planning through execution
- Managed contractor coordination, scheduling and cost estimating
- Led Lean Six Sigma initiatives, including root cause analysis, value stream mapping and waste reduction
- Managed capital investments ranging from \$500K to \$3M, contributing to over \$12M in cumulative cost savings through process optimization and Lean Six Sigma initiatives