



Exponent[®]
Engineering & Scientific Consulting

Jigar Thakkar

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Professional Profile

Mr. Thakkar is an Associate with Exponent specializing in program and project management, project advisory, and construction claims and disputes. Mr. Thakkar has experience working in project finance and analyzing construction claims and disputes. His industry experience involves working on various large-scale infrastructure projects in the Power & Utilities and Science & Technology industries. He has assisted clients on project controls, change order management, and project delivery methods.

Prior to joining Exponent, Mr. Thakkar worked in India as a Design Architect and Project Lead with INI Design (formerly Stantec Consulting) for over 3 years. During this period, Mr. Thakkar managed design and project management services for various portfolios (~\$800M). Mr. Thakkar received his Master of Science in Construction Management with a Graduate Certificate in Business from the Texas A&M University, where he specialized in Construction Economics, and Construction Accounting & Financial Management. Prior to receiving his MS at Texas A&M, he earned a Bachelor's Degree in architecture from Sardar Patel University in India.

Academic Credentials & Professional Honors

M.S., Construction Management, Texas A&M University, 2023

B.Arch., Architecture, Sardar Vallabhbhai National Institute of Tech, 2018

Department of Construction Science Graduate Fellowship, Texas A&M University, 2021

Merry K. '84 and William L. Raba '86 Graduate Fellowship, Texas A&M University, 2022

Licenses and Certifications

Project Management Professional (PMP) (MA)

Prior Experience

Project Architect, INI Design Studio (formerly Stantec Consulting)

Consulting Intern - HKA

Professional Affiliations

Association for the Advancement of Cost Engineering (AACE) – Boston Chapter

Construction Management Association of America (CMAA) – New England Chapter

Project Experience

Oil & Gas

· Performed analyses for technical reports by quantifying schedule and productivity impacts, project schedule delays, and time impact analysis on capital projects, which resulted in significant cost savings for construction claims and delay damages. · Performed damage and measured-mile analyses to estimate lost productivity impacts, cost overruns, and lost profits for a \$1.2B downstream Oil & Gas project; identified reduction in counterclaims and liquidated damages.

Power & Utilities

· Identified early signs of potential risks in supply chain and procurement; proposed alternate logistic strategies for

equipment procurement in five Power & Utilities projects which enabled savings worth \$13M in long-lead equipment

· Provided capital program and project management services by formulating creative strategies regarding the project

delivery methods on major EPC projects, which reduced construction time by 15%.

Infrastructure

· Optimized estimation, bidding, and project cost structure by coordinating with 400+ material vendors; implemented

new cost structure in bid processes to save 25% in construction materials and increased project GM.

· Conducted budget and schedule management for infrastructure projects and implemented a robust geolocating

system in complex capital projects, resulting in savings of 3000+ manhours and schedule acceleration of 12%.

Science & Technology

· Lead design and project management services for a portfolio of 6 museums (~\$200M).

· Managed RFIs, submittals, and streamlined change order processes to optimize implementation of static and

dynamic museum exhibits.