Exponent®
Engineering & Scientific Consulting

Josh Langevin

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Professional Profile

Mr. Langevin is a Senior Associate in Exponent's Construction Consulting Practice, supporting owners and contractors on capital programs across the utilities, energy, and industrial sectors. His work focuses on project planning and controls, cost and schedule management, forecasting, performance measurement, and digital enablement. He applies a technical engineering background and advanced analytics to automate and standardize project controls processes using VBA development, Power BI reporting, and Enterprise AI tools; which improves data reliability, reporting efficiency, and decision-making for program and business leaders.

At Exponent, Mr. Langevin supports a large U.S. utility capital program and leads day-to-day delivery for a multidisciplinary team. He develops integrated cost and schedule reporting, establishes KPI definitions and governance to align performance metrics across stakeholders, and performs variance, trend, and forecast analyses to improve predictability and insight into program performance. Prior to joining Exponent, Mr. Langevin served as a field engineer for a global EPC contractor on multiple greenfield LNG peak-shaver facilities with contract values ranging from approximately $85 million to $370 million. From front-end planning through commissioning and turnover, he supported field execution and project management by coordinating cross-functional teams, tracking installed quantities and progress, and supporting schedule, cost, and change management. He also developed Power BI dashboards to support field execution and project management coordination, improving visibility into production status, constraints, and emerging risks. His experience includes estimating, procurement coordination, and project controls practices applied to large-scale construction.

Mr. Langevin holds a Master of Business Administration from New York University and a Bachelor of Science in Petroleum and Natural Gas Engineering from The Pennsylvania State University. He is a Project Management Professional (PMP) and holds the Engineer in Training (FE – Civil) credential.

Academic Credentials & Professional Honors

M.B.A., New York University, Stern, 2026

B.S., Petroleum and Natural Gas Engineering, Penn State University, 2020

Licenses and Certifications

Project Management Professional (PMP)

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Academic Appointments

Research Assistant, Energy Business Finance, The Pennsylvania State University, 2018-2020

Prior Experience

Field Engineer, CB&I Services, 2020-2023

Petroleum Reservoir Engineering Intern, Chevron, 2019-2019

Sentry Analyst Intern, KCF Technologies, 2019-2019

Petroleum Field Engineering Intern, Keane Group, 2018-2018

Project Experience

Project Controls: Provided project controls services for a major, California based, utility company. These services include creating internal governance documentation for project inception through project closure, schedule creation and updates, forecasting and analyzing project costs, quarterly accrual reporting, as well as program level reporting for internal review. Automated and standardized project controls processes using VBA development, Power BI reporting, and Enterprise AI tools.

Liquified Natural Gas Plant: Provided field engineering and project controls services for the new construction of two liquified natural gas peak shaver plants in Wisconsin, and one in Washington State. Field engineering services included preparing change orders, drawing layouts, coordinating work between unions and handling of disputes, drawing redlines, planning lift schedules, quality assurance testing of equipment and material controls. Project controls services included reporting daily / weekly / monthly progress to client, updating monthly schedules, and forecasting project costs / payments.

Project Estimating: Provided detailed cost breakdowns for industrial projects, including LNG, water, and petroleum, based on specifications of potential customers. Developed VBA coded solutions to quickly create estimates based on limited information for standard projects.

Liquified Natural Gas Plant: Provided field engineering services for the new construction of a liquified natural gas peak shaver plant in Washington State. Field engineering services included coordinating work between unions and handling of disputes, drawing redlines, planning lift schedules, and quality assurance testing of equipment.

Reservoir Engineering: Validated the basis for the initial booking of a potential field located in Venezuela through a production lookback study of existing wells using decline curve analysis. Built and maintained PowerBI dashboard providing fast and standardized reporting of site conditions and forecasted production daily.