

JASHWITHA NUTHALAPATI

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Summary: Program manager who designs planning systems that show a business what it can actually deliver, before it commits. Scaled engineering S&OP across 9 subsystems and 6,000 engineers (66% → 95% demand visibility) and designed an IBP model approved by the president for MVP. Targeting Enterprise Planning, IBP, and Business Operations roles.

WORK EXPERIENCE

TechnipFMC, Houston, USA

Program Manager (Engineering Planning & Strategy)

July 2024 – Present

- Scaled engineering S&OP to 9 subsystems across 27 countries, raising demand visibility from 66% to 95% in two years and collapsing multi-cycle executive decisions into a single review; capacity and hiring decisions made against budget.
- Authored an Integrated Business Planning (IBP) model for the Surface business unit: a three-anchor review structure designed to extend reconciliation from budget to P&L. Approved by the president for MVP development.
- Established an integrated execution scheduling system linking tender commitments to delivery plans, targeting drivers of 45%+ of value destruction; now scaling across 9 subsystems.
- Built a capacity and cost model that helped executives set engineering's location strategy and OPEX targets for a major growth ramp-up.
- Co-authored the strategy that repositioned global engineering centers from cost pools into delivery hubs; all centers now formally upgraded.
- Stood up the engineering planning function and transitioned it to a dedicated strategic-planning team to run at scale.
- Lead cross-functional initiatives across engineering, digital, and data teams without direct authority; brief VP and SVP leaders in monthly executive reviews.

TechnipFMC, Hyderabad, India

Program Manager (Engineering Planning & Operations)

Apr 2023 – June 2024

- Built the company's integrated engineering planning platform (v1.0 and 2.0): S&OP process, governance, cadence, and a Power BI platform consolidating 50+ data sources into standardized executive reviews.
- Owned engineering's workload planning initiative end to end; evaluated planning platforms (Anaplan, Kinaxis, o9) with the Digital team.
- Designed a Power Apps escalation tool connecting regional teams to executive oversight, speeding issue resolution across all levels.
- Established KPIs and performance-management systems across the global engineering centers.

Product Engineer

Nov 2020 – Mar 2023

- Designed and shipped an automated configurator that cut a core engineering process from 80 to 8 hours (–90%) across 5 product lines; awarded a company gold medal.
- Designed a 4-piece configurable interface flange, reducing production costs by 50% and lead time by 80% through a stocking strategy.
- Redesigned a valve lifting tool to be 40% smaller than the prior model.

LEADERSHIP & RECOGNITION

TechnipFMC, Houston, USA

Emerging Talents Program (high-potential leadership program)

Jul 2024 – Jul 2025

- Diagnosed the value destruction driven by siloed operations and fragmented planning, across six data sources; proposed a seven-strategy integrated planning roadmap to leadership.

Make a Difference (non-profit), Hyderabad, India

Human Capital Strategist

Nov 2019 – May 2023

- Led human-capital operations across 3 cities and a 500+ volunteer base; grew recruitment 20% and onboarded 250+ volunteers.

EDUCATION

VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India

Aug 2020

B.E. Mechanical Engineering (GPA 9.19), Gold Medalist

SKILLS

S&OP and IBP design · Planning governance · Capacity and cost modeling · Power BI · Power Apps · Advanced Excel · SQL · A3 / Lean · Planning platform evaluation (Anaplan, Kinaxis, o9) · Cross-functional program leadership