

INDANA RAGHAVA

Planning Engineer / Scheduler



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PROFESSIONAL SUMMARY

Dynamic and detail-oriented Planning Engineer with 7+ years of experience in managing and delivering engineering projects from conception to completion. Proven expertise in project planning, resource allocation, and risk management, ensuring projects are completed on time and within budget. Possesses a solid technical foundation in piping engineering, mechanical systems along with outstanding problem-solving abilities. Effective communicator and team leader, adept at collaborating with cross-functional teams and stakeholders to drive project success. Committed and dedicated to continuous improvement and innovation in engineering practices.

SKILL SET



Technical Skills

- Primavera P6 v25.12
- MS Projects
- Power BI
- Excel Advanced
- MS Office Suite of Word, Outlook, PPT
- Auto CAD
- Navisworks Freedom
- ERP/SAP
- Microsoft VISIO
- Resource Allocation, Levelling & Management
- Risk Management & Mitigation
- Progress Monitoring & Reporting
- Documentation & Record Management
- Isometrics, P&ID, GA, MEP Drawings
- Quality Control & Compliance
- Codes & Standards Adherence
- RA Bill Preparation & Final Reconciliation



Soft Skills

- Coordination & Stakeholder Communication
- Team Collaboration & Interdepartmental Liaison
- Analytical & Problem-Solving Abilities
- Attention to Detail & Accuracy
- Time Management & Prioritization
- Post-project Evaluation & Lessons learned.

CERTIFICATIONS & APPRECIATIONS

- Primavera P6 v25.12 Advanced Training
- Joint methods of HDPE pipes and Fittings | Georg Fischer | Mar 2023
- Appreciation as project engineer | Larsen & Toubro | May 2023.

WORK EXPERIENCE

TA Planner & Scheduler

[Sep 2025 – Till Date]

Qatar Engineering & Construction Company W.L.L (Qcon)

Turnarounds: 1. Ras Laffan Olefins Company Ltd. (RLOC)

2. ORYX GTL

- Create integrated schedules covering pre-turnaround, execution, and post-turnaround phases.
- Identify and communicate schedule constraints, risks, and opportunities.
- Conduct schedule reviews and progress updates with stakeholders.
- Optimize work sequences to minimize downtime and resource conflicts.
- Identify critical path and high-risk activities early in the planning phase.
- Ensure that all work orders, drawings, permits, and technical documents are complete and accurate.
- Interface with procurement to ensure materials, tools, and services are available as per schedule.
- Track daily progress against the approved schedule.
- Monitor critical path activities and recommend corrective actions to recover lost time.
- Produce daily and weekly progress reports, highlighting schedule variances and forecasts.
- Participate in daily turnaround coordination meetings.
- Support field teams with schedule and resource-related decision-making.
- Perform schedule performance analysis and lessons learned documentation.

Project Planning Engineer

[July 2024 – Sep 2025]

Sangir Plastics Pvt.Ltd.

Project: Reliance PV Solar Cell – Jamnagar

- Develop and maintain detailed project schedules and deliverables to ensure timely completion.
- Coordinate with team members to ensure resource availability.
- Track project progress against planned schedules and budgets.
- Organize and lead project meetings to address issues and updates.
- Assist in preparing project budgets and monitor expenses to stay within limits.
- Maintain comprehensive project documentation, including schedules, reports, and meeting notes.
- Ensure all changes are documented and communicated.
- Preparing BOQ and Scope of work as per the drawings.
- Scheduling the target completion dates based on the loop wise and monitoring and providing work front to the site execution team.
- Reconciliation of project material and execution quantity and generating tax invoicing.
- Assigning tasks to the execution crews and follow up the progress and needs.
- Maintain record of material order and delivery and issued to the execution crew.
- Coordinating with quality team and release their work front for QC procedures.
- RA bills are prepared and submitted based on the monthly progress of work completed.

Project Planning Engineer

[Oct 2021 – Dec 2023]

Gulf Asia Contracting Co.LLC.

Project: MMGP [Mansourah & Massarah Gold Project] - Saudi Arabia

- Reported project progress, constraints, and resource requirements to maintain schedule compliance and profitability.
- Prepared site execution reports and productivity dashboards using Excel pivot tables, charts, and DPR analysis.
- Reviewed and updated scope of work documents; developed execution methodologies aligned with client

requirements.

- Generated As built drawings, isometrics, BOQs, and lifting plans using AutoCAD; coordinated client approvals for additional system for suite at site requirements.
- Ensured strict compliance with QA/QC standards, safety codes, and project specifications.
- Maintained project master data including BOQ, MTOs, daily progress, material delivery logs, and monthly invoicing.
- Documented and tracked technical specifications, change orders, and client communications.
- Coordinated construction teams by assigning tasks, monitoring site and fabrication shop progress, and resolving queries.
- Created DPR spreadsheets, reported daily status to clients, and facilitated contract compliance.
- Prepared and submitted monthly invoices for piping and equipment completion, ensuring client verification.
- Reconciled piping, equipment, and material quantities to maintain accurate project financials.

Planning Engineer

[Mar 2019 – Jun 2020]

AL-Muzain & Partners Co.

Shut Downs: TASNEE, IBN SINA, SAUDI ARAMCO, IBN ZAHR, SASREF – Saudi Arabia

- Assisted project managers and coordinated all shutdown activities including maintenance, inspection, and unit testing.
- Liaised with clients/owners for shutdown planning and execution.
- Prepared and updated As-Built and isometric drawings based on site/fabrication comments.
- Analyzed piping systems to prevent failures and leaks.
- Coordinated with warehouse and spooling teams for material issuance per MTO and job cards.
- Maintained strong client relationships and coordinated with production/QC teams for schedule adherence.
- Monitored piping installation and mechanical equipment quality control activities.
- Collaborated with construction engineers and designers to create and manage project schedules.
- Conducted site surveys to analyze conditions and ensure compliance with project design.
- Supported HSE initiatives to meet safety and quality objectives.

Project Engineer

[Feb 2018- Mar 2019]

Vizag Amogh Project Management Pvt. Ltd.

- Develop, maintain, and monitor detailed project plans, schedules, milestones, and budgets.
- Track project progress, update dashboards, and provide timely reports to stakeholders.
- Coordinate with design, construction, procurement, and QA/QC teams to ensure alignment with project objectives.
- Manage resource allocation, ensuring manpower, materials, and equipment are available as required.
- Identify risks, track issues, and support mitigation planning throughout the project lifecycle.
- Review project designs, plans, and documentation to ensure compliance with scope, timelines, and standards.
- Manage changes in project scope, schedule, and resources; document impacts on timelines and budgets.
- Conduct post-project reviews to assess performance and provide lessons learned for future planning.
- Support HSE and compliance initiatives, ensuring adherence to safety and quality standards.

Junior Engineer

[May 2017 – Feb 2018]

Maa Kuthari Projects Pvt. Ltd.

Projects: FADHILI OIL & GAS PLANT - Saudi Arabia

YIBAL KHUFF OIL & GAS PLANT – Oman

- Drafted and revised isometric and spool drawings in AutoCAD, correcting discrepancies and incorporating site/client feedback.
- Checked ISO drawings for weld joints, missing connections, and compliance with piping requirements.
- Verified material lists and BOQs, ensuring accuracy for fabrication and erection materials.

- Ensured proper placement of field and shop weld points per Piping Engineer comments.
- Extracted material specifications and quantities; maintained accurate line attributes including line numbers, class, WPS, temperature, and pressure.
- Implemented engineering changes and process improvements to enhance drawing accuracy and efficiency.
- Assisted senior engineers in designing and delivering drawings on schedule, meeting client requirements.

Mechanical Engineer

[May 2016 – May 2017]

Mehul Constructions

Project: Essar Refinery – Gujrat

- Assisted senior engineers in spool fabrication as per design drawings, ensuring timely delivery to clients.
- Maintained daily records of materials, consumables, and manpower; reported progress to senior management.
- Prepared and submitted daily and monthly progress reports, including plan vs. achieved status and measurement approvals.
- Documented drawings, weld inspection records, and quality reports for accurate project tracking.
- Reconciled materials and weld joint quantities to ensure alignment with project requirements and monthly invoicing.

EDUCATION

- B. Tech Mechanical Engineering | Aditya Institute of Technology and Management, Andhra Pradesh | 2012 – 2016 | 64.8%
- Intermediate | Sri Chaitanya Jr. College, Andhra Pradesh | 2010 – 2012 | 74.6%
- Secondary Schooling | Vignan Talent School, Andhra Pradesh | 2010 | 77.3%

PERSONAL INFORMATION

- Languages Known: English, Hindi, Telugu and Tamil
- Residential Address: 59-17-6, Visakhapatnam, Andhra Pradesh, India-530011.
- Date of Birth: 28-March-1995
- Marital Status: Married
- Passport No: P2271837

DECLARATION

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.

Place: Al Khor, Qatar

Date: _____

Signature: _____