



# MUHAMMAD AAMIR, SCE<sup>®</sup>, PEC<sup>®</sup>

## Planning Engineer | Civil

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### Career Summary

Planning Engineer with 6+ years of experience in residential, commercial and infrastructure projects across Pakistan & Saudi Arabia. Proven expertise in Primavera P6 scheduling, critical path analysis, baseline program development, and resource allocation. Skilled in optimizing project timelines, reducing delays, and ensuring cost-effective delivery of high-value projects. Adept at collaborating with multidisciplinary teams to meet client objectives and deliver projects on time and within budget.

### Core Competencies

Primavera P6 Scheduling | Critical Path Method (CPM) | Baseline Program Development | Resource Allocation | Earned Value Management (EVM) | Cost Control | Risk Management | Cash Flow Forecasting | MS Project | Contract Administration | Autocad Drawings | Site Documentations | MS Office.

### Education

- *Master of Science in Engineering Management – University of Engineering and Technology, Peshawar, Pakistan | 2024.*
- *Bachelor of Science in Civil Engineering – University of Engineering and Technology, Peshawar, Pakistan | 2018.*
- *Diploma in Project Management – Allied Institute of Technical Training, Lahore, Pakistan | 2018*

### Professional Experience

- ❖ **Planning Engineer – Dammam Square Mixed-Use Urban Center | SAR 400M | Dammam, KSA | Trans. Channel Contracting Company**

**Sep 2024 – Aug 2025**

- Developed and maintained the project baseline schedule in Primavera P6, ensuring alignment with contractual milestones.
- Prepared weekly and monthly progress reports for client and management, improving decision-making and transparency.
- Coordinated with subcontractors and suppliers for timely procurement of materials, preventing schedule slippage.
- Monitored critical path activities and implemented corrective measures, helped identify and recover potential delays.
- Collaborated with cost control and finance teams for cash flow forecasting, ensuring effective resource utilization.

- Supported project controls team in preparing extension of time (EOT) claims and delay analysis documentation.

❖ **Planning Engineer – Improvement & Widening of D.I. Khan Chashma Road (20 KMs) | PKR 3.2B – SAR 40M | Planners Consultants Engineers (PCE)**

**Jun 2023 – Aug 2024**

- Developed and reviewed the Work Breakdown Structure (WBS) and activity sequencing for roadwork, drainage, and bridge structures.
- Reviewed contractor's resource-loaded schedules, ensuring proper utilization of equipment and compliance with project timelines.
- Monitored site progress daily against the baseline, highlighting variances and recommending corrective measures to maintain milestones.
- Coordinated traffic management/diversion plans with the construction schedule to minimize disruption to the public.
- Reviewed monthly cash flow forecasts and Earned Value reports submitted by the contractor, assisting the project manager in financial tracking.
- Aligned inspection and approval schedules with client and contractor teams to avoid delays in asphalt laying and bridge works.

❖ **Planning Engineer – Construction Supervision of Internal Development Works in Fatima Jinnah Women University Campus-II | PKR 2.5B – SAR 30M | Abbassy & Associates Consulting Architects & Engineers**

**Jan 2022 – May 2023**

- Prepared and maintained detailed Primavera schedules covering structural, MEP, and landscaping works for the library building and female rest hall, integrating dependencies and critical path activities to safeguard project timelines.
- Facilitated weekly coordination meetings with client, consultants, and contractors to track progress and align with academic year deadlines.
- Monitored material submittals and approvals, contributing to reduced procurement delays by approximately 20%.
- Prepared monthly dashboards with S-curves and milestone tracking for senior management review.
- Conducted risk impact analysis for delayed utilities and proposed recovery measures to safeguard the overall schedule.
- Ensured construction compliance with health, safety, and academic facility standards within schedule monitoring.

❖ **Planning Engineer – Roshn Residential Community Development | SAR 500M | Dammam, KSA | MAYA Real Estate Development & Investment Co.**

**Oct 2020 – Dec 2021**

- Developed and maintained zonal construction schedules in Primavera P6 for Cluster A and Cluster C, covering villas, apartments, and community facilities, ensuring proper sequencing and timely execution.
- Coordinated interface schedules between infrastructure works (roads, utilities) and vertical construction to avoid rework and optimize resources on-site.

- Generated 2-week and 4-week look-ahead schedules for site teams, enabling proactive planning and smooth short-term execution.
- Prepared material demand forecasts aligned with construction schedules, supporting procurement and preventing work stoppages.
- Monitored contractor and subcontractor performance, identifying deviations early and implementing corrective measures to maintain schedule compliance.
- Planned phased handover and cluster delivery, coordinating with clients and stakeholders to ensure smooth project completion.

#### ❖ **Planning Engineer – Plant Extension | SAR 350M | Rastanura, KSA | Inma East Contracting Company**

**Aug 2019 – Sep 2020**

- Developed integrated schedules combining civil, structural, mechanical, and electrical disciplines for smooth plant expansion.
- Coordinated shutdown schedules with operations to minimize disruption during tie-ins and commissioning activities.
- Assisted in resource histograms and manpower loading charts to balance site workforce across multiple shifts.
- Tracked long-lead equipment procurement and aligned delivery dates with construction milestones.
- Prepared weekly variance analysis reports to identify slippages and propose recovery measures.

#### ❖ **Planner/Scheduler – Onshore Maintain Potential Project | Al-Hawiyah, KSA | Nagi Nissar Nagi Al-Refae Contracting Est.**

**Dec 2018 – July 2019**

- Managed detailed shutdown-level schedules (Level 5/6) in Primavera P6, ensuring all critical shutdown activities were properly sequenced and completed within the allotted shutdown window.
- Monitored execution of Level 5/6 shutdown tasks, tracking progress, identifying potential delays, and coordinating corrective actions.
- Integrated resources, manpower, and equipment allocation for critical shutdown tasks to ensure completion within tight deadlines.
- Generated short-term look-ahead schedules for shutdown teams, highlighting critical dependencies and high-risk activities.
- Coordinated with engineering, procurement, and operations teams to validate schedule logic and ensure smooth execution during the shutdown period.

### **Certifications & Memberships**

- Saudi Council of Engineers (SCE) – Member
- Pakistan Engineering Council (PEC) – Member
- Primavera P6 Professional Certified

### **Languages**

- English – Professional proficiency
- Urdu – Native