SYED MUZAFFAR ALI BAQVI
Planning Engineer

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OBJECTIVE

An accomplished Engineer with product development management, training, and advancement. Diverse Planning, Controls and Supply chain management experience with specialized expertise in the Construction and Manufacturing industries. Track record of exceptional team leadership with the organization and interpersonal skills; ability to clearly define problems and implement solutions.

WORK EXPERIENCE

Dubai | Allegion Middle East | Planning and Process Engineer Middle East
May 2019 – Present

- Implementation of ERP System Microsoft Dynamics AX, Sage 200.
- Use ERP system to plan master production schedules based on sales forecast, production capacities, lead times and contractual terms. Balancing the production line with Materials and Resources availability.
- Track and monitor Installation of orders on site and successful completion of work to claim revenue. Project Earned Value Analysis, representing project success and progress with KPIs.
- Maintain successful coordination between all the departments starting from sales to engineering, designing, procurement, tooling, fabrication, logistics, installation and finance. Main point of contact for each phase
- Developing dashboards and trackers to monitor monthly revenue targets and identify bottlenecks to achieve periodic milestones using Power BI and Spreadsheet software (Excel)
- Develop Plans for individual projects and monitored their execution
- Process Confirmed Orders to Production, Procurement, Logistics, and Stores. Provide Material, Resource, and timeline details to all departments.
- Creating Monthly Business and Progress reports with 3 months, quarter and annual forecasts/ opportunities, identifying the lags and issues
- Create and Maintain the Sales Orders in ERP system

Karachi | Principal Builders Pvt. Ltd. | Assistant Planning Engineer at Emaar Crescent Bay Pearl Towers
August 2017 - August 2018

- Contributed in developing cost loaded project of more than 3200 activities on Primavera P6.
- Prepared extensive daily progress report including manpower, staff strength, material record, procurement progress, upcoming deliverable milestones and project progress in terms of structure, finishes, MEP and HVAC.
- Created and Maintained progress tracking sheets on excel with complex formulations as per man-hour weightages of various activities with their hierarchal organization as per slabs and trades on daily basis.
- Produced Weekly Progress Report and Monthly Progress Report which included contract particulars, progress status, summary of updated program, KPIs, curves, various logs, delays status, HSE Reports and look ahead plans as per Clause 14.1 of Contract requirements.
- Generated detailed presentations with related statistics and specifications for scheduled weekly or monthly meetings and any other particular meetings.
- Recorded and tracked Minutes of Meetings.
- Monitored Project progress and addressed subjective issues by coordinating with Client and Vendors including preparation of catchup plans for time and resources.
- Assisted in preparing cost claims as per Conditions of Contract estimated 7500000 PKR.

- **Karachi | Envision Engineering | Junior Planning Engineer**
  April 2017 - August 2017

  - Developed Parking Management System for Aga Khan Hospital with traffic volume of more than 45 average vehicles per hour. It included barcode identity which I designed in excel by integrating commands into macros using visual basic.
  - Survey and site management for various transport design projects.
  - In-depth data collection and analysis for traffic demand modelling of proposed routes and parking facilities.
  - Detailed report writing of analysis and results of various projects.

- **Karachi | Bahria Town Karachi | Internee Engineer**
  June 2015 - July 2015

  - Inspection of structural works
  - Understanding drawings and contracts
  - Estimating Quantities

EDUCATION

- **Karachi, Pakistan | NED University of Engineering and Technology | BE Urban & Infrastructure Engineering**
  Jan 2013 - Nov 2016
  Major Courses:
  Analysis of Structures, Traffic Engineering and Management, Urban Planning and Management, Construction Planning and Management, Hydraulic Engineering and Water Resource Management, Soil Mechanics, Environmental Engineering, Engineering Drawing and Drafting

- **Abu Dhabi, UAE | Islamia English School | Edexcel GCE A-levels**
  Jan 2011 - June 2012
  Math, Physics and Chemistry

- **Abu Dhabi, UAE | Islamia English School | Edexcel GCE O-levels**
  Jan 2010 - June 2010
  Economics, Mathematics, Biology, Computer Science, Physics, Chemistry, English, Pakistan Studies, Urdu, Islamiat

ACADEMIC PROJECTS

Final Year Project on the topic of "Reliability of Satellite Rainfall Estimate and Its Applications to Hydrologic Models". Objectives of the Project were:
- Satellite Rainfall data acquisition and its validation through statistical analysis.
- Study on Hub River Basin through Catchment Delineation, predicting Design Storm
- Development of IDF and IDAF curve using Satellite data and Gage data.
- Determine the runoff for design storm at the Hub reservoir using hydrologic model HBV.
- Reliability of advanced soil moisture measuring techniques using statistical analysis.
- Prepared a Term Paper Project on the topic of "Construction Insurance Practices in Pakistan"
- Project on Irrigation Scheduling using TDR sensors
- Project on Earthquake Loss Estimation Routine (ELER) for seismic vulnerability analysis of buildings.

Certifications & Training

- Have registered in Certification Supply Chain Professional (CSCP) course. Studies in progress.
- KHDA Certified CSCP Course Completion

Professional Achievements

- Presentation in International Conference on "Earth Sciences Pakistan 2016" and paper being published in the "Journal of Himalayan Earth Sciences" on the topic "Evaluation of Biasness In Satellite Rainfall Estimates"
- Representation at Urban Day 2013 for the topic Building High Strength Concrete Block
- Award in ACI Structure Model Competition 2014

Extra-Curricular Activities

- Lead Graphic Designer in Urban Department Magazine
- Runner up in Disaster Management poster competition on the topic "Pakistan Flood Control System" at Urban Day 2016
- Green Audit in charge at UAE Environment Initiative
- Sports Competitions (Table Tennis, Cricket, Basketball)

TECHNICAL SKILLS

★ Microsoft Office: Developed and Maintained complex sheets and formulated programs using macros and self-developed formulae in MS Excel. Created various reports, thesis, papers and articles using MS Word. Made various presentations on academic and professional level on MS PowerPoint. Regular user of MS Outlook and have effective skills in using MS Publisher and MS Access.

★ Microsoft Dynamics AX: Efficient in Master Planning, Project Management and Production modules of Dynamics AX. Have also actively participated in implementation and migration of dynamics AX in business.

★ Power BI: Creating data-rich dashboards for Production, Procurement, Installations and Sales.

★ Microsoft Project: Proficient in scheduling and tracking programs on Microsoft Project. Able to extract data out of the updated program including SPIs, duration and progress status, KPIs, S-Curve and resource histograms, etc.

★ Primavera P6: Proficient in scheduling and tracking programs on Primavera P6 v8.2 and onwards. Able to extract data out of the updated program including SPIs, duration and progress status, KPIs, S-Curve and resource histograms, etc.

★ AutoCAD: Well known to all basic skills necessary for analysis, calculations and data extraction from drawings.

★ ArcGIS: Well known to all basic skills necessary for analysis, calculations and data extraction from maps including geo-referencing, topographic analysis, demarcation of watersheds, map regeneration, etc.

★ SAGE 300: Efficient in Order Entries, Production Entries and Procurement Entries modules of SAGE 300. Have also actively participated in implementation and migration of SAGE 300 in business.

★ E-Tab

★ MATLAB

LANGUAGE SKILLS

★ Urdu (Speaking, Writing, Reading) - Native
★ English (Speaking, Writing, Reading) - Fluent
★ Arabic (Writing, Reading)