

CURRICULUM VITAE

SAAD AZIZ PARACHA

Controller Engineer

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Controller Engineer | Data Analyst | Cost Engineer | Performance Engineer | Business Process Specialist

Professional Summary:

I'm an experienced data analyst and control engineer with over seven years in the oil and gas industry. My expertise includes analyzing complex data using advanced techniques. I have extensive experience in planning, maintenance, reliability, and procurement in the corporate sector. I'm dedicated to continuous improvement and using technology to support strategic decision-making that drives team success.

Key Skills:

- | | | | |
|----------------------------|---|--|-----------------------------|
| ✓ Sap (ABAP Certification) | ✓ Business Work Process (Certification) | ✓ Reliability Analytics (Meridium Certification) | ✓ Snowflake (Certification) |
| ✓ Python | ✓ Microsoft Power BI | ✓ SQL | ✓ Data Quality |
| ✓ Data Warehouse | ✓ Data Pipeline | ✓ Cost Analysis | ✓ Budgeting & Monitoring |
| ✓ Data Analysis | ✓ Business Intelligence | ✓ KPI | ✓ Problem Solving |
| ✓ Microsoft Azure | ✓ Sap BI | | |

Career Highlights/Achievements:

- ✓ Implemented Takamul, maintenance work process in-house that saved 30MSAR.
- ✓ Developed, designed and monitored Microsoft Power BI dashboard to streamline performance tracking, enhancing overall efficiency.
- ✓ Conducted data quality analysis, identifying issues like 14MSAR spent on non-critical emergent activities and rectifying them.
- ✓ Established a comprehensive planning and scheduling database, an automated maintenance bulletin, and a safety-critical devices database, all of which helped optimize operations.
- ✓ Part of Reliability and EHSS teams that won 1 and 3 times awards respectively among more than 10 SABIC companies.

Professional Experience:

Designation	Organization	Location	Tenure
Controller Engineer	Kemysa, Sabic & ExxonMobil JV	Al-Jubail, KSA	Dec 01, 2023 to Present

Responsibilities:

- ✓ Developed, executed, and supervised Key Performance Indicators (KPIs) within the maintenance division. Metrics such as M/H utilization, backlog crew days, schedule attainment etc. utilized to monitor performance against targets and reporting to management facilitating timely actions and

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- ✓ resolution of discrepancies.
- ✓ Conducted detailed monthly analyses of maintenance division performance and budget, providing comprehensive insights to management. Data segregation based on risk and repair activities facilitates effective information extraction.
- ✓ Design, developed and implemented Microsoft Power BI dashboard providing insights and visualize analysis, various metrics for the management. It analyzes the wrench time, competency assessment, Kemya annual plan, KPI's etc. It tracks and monitored budget of all plants, departments and tracked deviations among the targets.
- ✓ Monitored data quality, ensuring the accuracy and completeness of data according to data governance framework. Data manipulation and statistical techniques used to identify anomalies and trends in large datasets. Remedies taken for 14MSAR emergent activities conducted for non-critical assets and more than 40K out of 103K assets of the plant that did not meet standard.
- ✓ Monitored and analyzed wrench time for the maintenance division, identifying reasons for target shortfalls and assessing associated cost impacts. Improved wrench time from 15% to 45% saves more than 50MSAR in the last five years.
- ✓ Analyzed work processes and identified gaps in accordance with OMS 431 and AMWP. Utilized standard and performance process indicators (PPIs) to monitor system performance.
- ✓ Performed A/B testing on dashboards to enhance outcomes. Discovered that system and area KPIs enabled the identification of than 600 findings of the EHSS and 2 significant critical incidents.
- ✓ Collaborating with stakeholders to comprehend their reporting prerequisites, ensuring that the reports tailored to meet their requirements. Automated data models have been established for reports and dashboards, streamlining processes and allowing for more time to focus on analysis and decision-making.
- ✓ Developed and generated EHSS reports using Sap BI to highlight incident-related risks within the organization's premises, like one plant having chemical spillage that production of around 20MSAR.

Designation	Organization	Location	Tenure
Cost Controller	Sipchem	Al-Jubail, KSA	Jul 29, 2018 to Jan 06, 2020

Responsibilities:

- ✓ Developed and implemented key performance indicators (KPIs) to evaluate performance across maintenance divisions and informing management about key findings about backlogs exceeding 24 days and 15% of critical activities not performed due to prioritization of lower-risk tasks.
- ✓ Conducted comprehensive monthly evaluations of maintenance division performance and budget, if anything deviates more than 10% of budget, providing detailed insights to support executive decision-making.
- ✓ Evaluated performance and communicated key issues to management related to critical activities affecting budget, ensuring optimal resource allocation and cost control. Identified turnaround having standby manpower costing 8MSAR and saves by releasing them on-time.
- ✓ Evaluated maintenance expenses, forecasting, developed budget, tracked expense and commitment of maintenance division. More than 200MSAR budget has been developed and monitored for the division, thorough insights for high consuming activities, areas and units provided.
- ✓ Conducted supplier and contractor comparative analyses for maintenance division, ensuring timely processing of RFQs, PRs, POs, and invoices. One the registered vendor was charging around 2MSAR more than un-registered vendor.
- ✓ Developed and implemented synergies resulting in savings 70MSAR, during Merger and Acquisition of Sipchem & Sahara manufacturing organization.
- ✓ Developed and implemented a Power BI dashboard providing insights into maintenance team productivity, equipment reliability, and financial implications. Activities consuming more than 100KSAR of resources, asset downtime of more than 1 day and expenses incurred to resume operations

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insights provided in dashboard.

- ✓ Led the development of business process for Turnaround Work Management (TAM) for both merging entities, promoting operational efficiency and inter-departmental collaboration. It was comprehensive document contains around 110 pages.

Designation	Organization	Location	Tenure
System/Data Analyst, Programmer & Work Process Specialist	Kemys, Sabic & ExxonMobil JV	Al-Jubail, KSA	Jul 01, 2010 to Jun 02, 2016

Responsibilities:

- ✓ Implemented Takamul business work process in-house that saved 30MSAR for the organization. Analyzed and enhanced business work processes and practices (AMWP and other Manufacturing Excellence Management System (MEMS), ensuring adherence to corporate policies.
- ✓ Developed and evaluated KPIs for maintenance performance, providing reports to strategic and tactical levels within Kemys and SABIC. Data modeling techniques used to identify relationships among variables and their impact on value drivers. Part of reliability and EHSS teams that won 1 and 3 times awards respectively.
- ✓ Assessed the financial components of maintenance expenses, encompassing budget development, forecasting, expenditure tracking, and commitment management. Analyzed procurement data to evaluate the financial performance of contractors, suppliers, services, and equipment. Furnaces shutdown planned changes after proper risk assessment that saves more than 20MSAR and tracked the performance of furnaces where one furnace was consuming more than 10MSAR while others stand at 6MSAR.
- ✓ Monitored T/A and major shutdown costs, collaborating with various departments to ensure project success. Allocating budget based on the scope of work. Spare and services that budget more than 5MSAR requires director approval.
- ✓ Analyzed reliability strategies, identified areas of improvement, and assessed business benefits for the reliability department. Highlights strategies that save more than 2MSAR by implementing strategies.
- ✓ Developed in-house databases by utilizing SQL, MS Access, and VBA for scheduling and planning maintenance activities, that assess areas workload and resourcing needs. Saves more than 100KSAR by resource leveling and optimizing cost in 5 shutdowns only. Additionally, established two databases to evaluate maintenance performance and oversee EHSS critical devices.

Education:

Degree	Year	University	Degree Attested & Verified
Bachelor of Law-LLB	2020	University of London	Germany (Zab/Anabin)
MBA/MSBA (Finance -18 Years)	2017	Virtual University of Pakistan	Canada (CES) & Germany (Zab/Anabin)
M.Sc. (CS, 16 Years)	2009	University of Peshawar	KSA, Canada (CES) & Germany (Zab/Anabin)

Linguistic:

- ✓ 1. English 2. Urdu 3. Pushto 4. Punjabi 5. Hindko