

CONTACT

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Baghdad, Iraq

[GitHub](#)

EDUCATION

2017 - 2018

University of Liverpool

- MSc Advanced Aerospace Engineering

2012 - 2016

University of Baghdad

- BSc Mechanical/Aeronautical Engineering

SKILLS

- Programming: Python, PyGame, VBA, MatLab.
- Visualisation: Streamlit, PowerBI, Excel, Plotly.
- Modeling: CreoParametric, MeshLess, GMsh, PointWise.
- CFD: ChiDG, Parallel MeshLess, OpenFoam.
- Database: MySQL.
- Design: Adobe Photoshop.

LANGUAGES

- English (Fluent)
- Arabic (Fluent)

TAREQ ABBOOD

AEROSPACE ENGINEER

PROFILE

A passionate engineer with a drive for improvement and excellence. Adept at working independently and collaboratively on projects. Details oriented while looking at the bigger picture. Possessing an analytical mind with a high aptitude for learning coding languages and design and analysis software.

WORK EXPERIENCE

JAT Tehnika

May-2023 to Nov-2023

Project Manager

- Monitor and control the flow of the check; ensures milestones; card closure and other established indicators are achieved to ensure the agreed TAT is met.
- Participate and co-ordinates recovery plans between the relevant stakeholders if the TAT / CRS date is at risk or cannot be met.
- Perform re-planning, together with check leader, for each work package, regarding findings or additional customer requests.
- Co-ordinate between all relevant stakeholders to ensure all KPIs and agreed timelines are met
- Cooperate in the analysis of the work package for downtime, workflow, manpower, material, tooling and special processes.
- Organize Daily meetings with customers and ensure positive customer relationships.
- Conducts wash up meetings as part of the continuous improvement program.
- Assure compliance with applicable safety and quality standards.
- Facilitate and drive process improvements, performing risk assessment and managing cost and time constraints together with the process owners.
- Carry out other duties per set procedures to ensure optimum flow and quality of work, and customer satisfaction.

Iraqi Airways Co.

Aug-2022 to Nov-2023

Reliability Team Leader

- Management of the Reliability Team to ensure that variations from the operational standards are analyzed, and displayed, and that changes to the maintenance program are substantiated.
- Participation in Reliability Control Board Meetings.
- Liaison with Technical Support Teams, and Technical Services to ensure analysis is carried out.
- Liaison with various Directorates, CAMO, SMS, Operations, Line Maintenance, Base Maintenance, and Workshops to ensure flow of data to the Reliability Team and to further improve data delivery efficiency.

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AEROSPACE ENGINEER

WORK EXPERIENCE

Iraqi Airways Co.

Oct-2022 to May-2023

e-Enabling Project Manager

- Ensure that Iraqi Airways has the proper facilities, equipment, and training for a successful e-Enabled B737-Max, and B787 Entry into Service.
- Assist in the writing of the e-Enabling Policies and Procedures that ensure a high safety and security standard, and continues airworthiness and availability of the the B737Max and B787 fleets.
- Liaison with Boeing Entry into Service Team to set-up data retrieval procedures, and configure loadable software parts.
- Liaison with Cellular Companies to ensure e-Enabled A/C's connectivity at the required stations.
- Ensure smooth running of e-Enabling operations after Entry into Service.

Iraqi Airways Co.

Feb-2022 to Aug-2022

Reliability and Maintenance Program Manager

- Establishment of the Reliability function within Iraqi Airways.
- Participated in the writing of the IAW Reliability Program.
- Writing of the procedures related to reliability reports issuance, and maintenance program revising.
- Management of the Reliability and Maintenance Program Teams to ensure that variations from the operational standards are analyzed, and displayed, and the appropriate adjustments to the maintenance program are carried out.
- Participation in Reliability Control Board Meetings.
- Liaison with Technical Support Teams, and Technical Services to ensure analysis is carried out.
- Liaison with various Directorates, CAMO, SMS, Operations, Line Maintenance, Base Maintenance, and Workshops to ensure flow of data to the Reliability Team and to further improve data delivery efficiency.
- Liaison with Quality Assurance to ensure findings found in new revisions of Aircraft Maintenance Programs are resolved appropriately and in a timely manner.
- Participated in the customisation of the A330 Aircraft Maintenance Program.
- RAMCO Aviation Solutions maintenance Program End-user. Maintaining of the B737-800 Maintenance Program on RAMCO.

Iraqi Airways Co.

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Iraqi Airways Co.

Sep-2021 to Feb-2022

Maintenance Planning Deputy Manager

- Supervision of IAW Maintenance Planning teams that handle a fleet of 28 Aircrafts, B737-800, B747-400, B777-200, A320-214, A321-231, A330-202, and CRJ-900LR, and problem solving within the unit.
- Liaison with various CAMO units, such as Technical Services, Technical Records, and Technical Library, and various Directorates within the company, such as, Base Maintenance, Line maintenance, SCM, and Quality Assurance to ensure the Airworthiness of IAW fleet and that maintenance is not delayed.
- Maintenance Forecasting Team leader. Planning Hangar and Line stops to minimise A/Cs downtime. Short-Term, 3 Months, and Long-Term, 3 Years, planning.
- The improvement of the Maintenance Planning Unit's already existing processes and helping in the establishment of new ones, such as the Forecasting system, and material tracking.
- Maintenance planning of an A330-202 A/C. Tracking routine maintenance tasks performed on the A/C, and the tasks to be performed. Producing work packages, and following up on them.
- Participated in the process of receiving the new addition to IAW Fleet, the A220-300. Partook in the workshops done by Airbus Canada for IAW concerning the A220-330, and lead the operator feedback session done by IAW for Airbus Canada.

Iraqi Airways Co.

Jun-2021 to Sep-2021

Maintenance Planner

- Maintenance Forecasting Team leader. Planning Hangar and Line stops to minimise A/Cs downtime. Short-Term, 3 Months, and Long-Term, 3 Years, planning.
- Maintenance planning of a B737-800 A/C. Tracking routine maintenance tasks performed on the A/C, and the tasks to be performed. Producing work packages, and following up on them.

Iraqi Airways Co.

Dec-2019 to Jun-2021

Maintenance Planning Deputy Manager

- Supervised the process of preparing an Aircraft for flight, from the technical point of concern, as well as the arrival process.
- Assisted in performing the Pre-flight, Daily, Weekly, Ramp, and Service checks on different A/C types of IAW Fleet, including B737-800, B747-400, CRJ900, and A320-214.
- Assisted in the troubleshooting of Aircraft's defects, and rectification of such defects.
- Lead the process of Aircraft's Pushback as a part of training.