## **Mohamed SYED GAFFAR**

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# **TOOL ENGINEERING MANAGER**

Experienced manager and dynamic technical engineer, possessing strong communication, negotiation and customer/supplier relations skills. Fluent English and French, strongly-motivated, deeply committed, with proven ability to manage a team.

SKILLS	
Management	<ul> <li>✓ Management of department of 10 engineers</li> <li>✓ Reporting towards management</li> <li>✓ Negotiations with customers</li> <li>✓ Monitoring of sub-contractors</li> <li>✓ Negotiations of work package amendments</li> <li>✓ Warnings and action plan Risks management</li> </ul>
Integrated Logistic Support	<ul> <li>✓ Costs monitoring</li> <li>✓ Service strategy definition</li> <li>✓ Analysis of logistic candidates (LRU/SRU)</li> <li>✓ Maintainability analysis</li> <li>✓ Operational availability analysis, Life cycle cost</li> <li>✓ Maintenance tasks definition</li> <li>✓ Logistic database updating with 1388 2B format</li> <li>✓ Design of technical manuals</li> <li>✓ Maintenance, Repair, Overhaul</li> <li>✓ Test Benches (PCBs: Power supply, microwave, data processing, optical)</li> </ul>
Dependability	<ul> <li>✓ Design of safety plan</li> <li>✓ Functional analysis</li> <li>✓ Dysfunctional analysis</li> <li>✓ Functional safety</li> <li>✓ Reliability assessment</li> <li>✓ Testability analysis</li> <li>✓ Reliability Based Maintenance</li> </ul>
Bids	<ul> <li>✓ Military vehicles (recce, tactical, logistic, sanitary, security, hybrid, turret)</li> <li>✓ Radars (tactical and civilian)</li> <li>✓ Weapon systems (ground to air, sea to air)</li> <li>✓ Specific and common packaging (transport, reusable, long storage all weather)</li> <li>✓ Complete Maintenance facilities (hardstand and tactical)</li> </ul>
Training Management	<ul> <li>✓ Customers: Estonian Air Force and Finnish Air Force</li> <li>✓ Management of 15 training in France and Finland (Radar and Test Benches)</li> <li>✓ Radar simulator trainer at the Finnish Air Force Academy</li> <li>✓ Conferences on Integrated Logistic Support topics</li> </ul>

#### Since Aug.15









#### SPECIAL TOOL ENGINEERING DEPT MANAGER - Renault Trucks Defense - FRANCE

- Management of 10 collaborators (+100% in 2 years)
- Dept. budget management (2M€: +200% in 2 years)
- Mechanical and Electronic Tools Engineering (HW,SW, test, CE certification)
- Maintenance Assets Packaging RAMST
- KPIs: Tool development trajectory, documents, planning
- Cost/Quality/ On Time Delivery Monitoring
- Development Strategy (Engine test bench, electric network failure localization tools)
- Bids (60 offers made in 2 years for worldwide prospects)
- Outsourcing (recruitment of 6 collaborators)
- Worldwide cooperation (white book, best practice exchange)
- Tools for Military vehicles (light, heavy, security, combat, recce, logistic, tactical)
- Management of internship

#### Feb.12-Jul.15

#### INTEGRATED LOGISTIC SUPPORT MANAGER - THALES AIR SYSTEMS - FRANCE

#### THALES

- Technical Support and Upgrade Work Packages management under Primavera
- Design of trainings on Test Benches and Test Software for Radars:
  - o Interface with Technical Teams
  - o Design of Training Plan
  - Customer Support Strategy Definition
  - Functional Management of 15 Trainers
- Interface with Configuration Management teams
- Technical analysis on Ballistic Missiles Firing Simulator
- Management of sub-contractors: Financial Assessment, Planning, Control
- Bids on Weapon Systems and Radars
- Management of Internships
- Conferences on ILS: within Thales and at the University of Technology of Troyes

#### Mar. 10-Jan. 12

#### LOGISTIC SUPPORT ANALYST - THALES AIR SYSTEMS - FRANCE

- Radar simulator trainer : Design of training materials and execution
- ILS analysis on radars: Maintenance tasks, Reliability based maintenance, Maintenance qualification tests, Testability on Linux operating systems, Reliability assessment, Management of internships

#### 2006 - 2010

#### INTEGRATED LOGISTIC SUPPORT ENGINEER - AKKA Technologies - FRANCE

Nov.09 - Feb.10



- Design of an electric car Renault
  - Safety analysis, Subcontractors management, Functional management of a team of three engineers.
- Aug.09 Oct.09
- Design of an electric car AKKA Technologies
  - Safety plan, Functional analysis, FMECA, Safety advices.

Dec.08 - Jun.09

- Design of a remote controlled turret Sagem Defense Security
  - Functional analysis, Preliminary risks analysis, FMECA, Testability and Reliability analysis.
- Jun.08 Nov.08
- Design of an omnidirectional navy camera Sagem Defense Security
  - Safety plan, Preliminary risks analysis, FMECA, Testability.

May.08	<ul> <li>Design of a navy decoy launcher – Sagem Defense Security</li> <li>FMECA, Testability, Maintenability.</li> </ul>		
Apr.08	<ul> <li>Functional analysis on a submarine periscope – Sagem Defense Security</li> </ul>		
Feb.08 – Apr.l08	<ul> <li>ILS analysis on mission preparation systems for helicopter – Sagem DS</li> </ul>		
	<ul> <li>FMECA, Testability, Maintenability, Availability, ILS database upgrade.</li> </ul>		
Mar.07 - Dec.07	<ul> <li>Design of a guided bomb – Sagem Defense Security</li> </ul>		
	<ul> <li>Safety demonstration, Reliability assessment, Safety analysis for flight test, FMECA, Preliminary risks analysis.</li> </ul>		
Jan.07 - Feb.07	<ul> <li>Design of an user manual for helicopter camera – Sagem DS</li> </ul>		
Dec.06	<ul> <li>Design of a laser designation pod – THALES Optronics</li> </ul>		
May.06 - Dec.06	<ul> <li>Analysis of LRU/SRU, Maintenance tasks.</li> <li>Design of thermal camera for UAV – Sagem DS</li> <li>Functional analysis, FMECA, Testability.</li> </ul>		
July.05 - Feb.06 INTEGRATED LOGISTIC SUPPORT ENGINEER - NEXTER Systems - FRANCE			

#### **INTEGRATED LOGISTIC SUPPORT ENGINEER** – NEXTER Systems - FRANCE

- Critical items of the LECLERC tank, Valuation and quotation of these items.
- Implementation of maintenance contract requirements management tool.

#### Sept.03 - Feb.04 INTEGRATED LOGISTIC SUPPORT ENGINEER - APMR (elevator) - FRANCE

FMECA, ISHIKAWA's diagram, Causes/effects tables, Functional analysis, CE compliance analysis.

#### **EDUCATION BACKGROUND & QUALIFICATION**

2017	Management Certification - Sciences Po Paris
2014	Trainer Training (Thales University)
2013	Primavera Basic Users (Thales University)
2012	Work Package Management (Thales University)
2011	Customer Service Awareness (Thales University)
2009	Functional Safety (Renault University)
2008	Train Safety (AKKA University)
2007	Aeronautical Items Certification: PART 21 – PART 145 (ISAE)
2006	Engineer Diploma in Industrial Systems - University of Technology of Troyes
2003	First Certificate of English of Cambridge
2002	University Diploma in Industrial Maintenance – FRANCE

### **SOFTWARE / STANDARDS / ACCREDITATIONS**

- Primavera (project management), MS Project, Arbortext Editor (XML Datamodules manuals), Articulate (Computer Based Training), Pack Office, DOORS TREK (requirements management), Linux operating systems.
- MIL STD 1388 1A/2B, MIL HDBK 217F, NPRD 95, ROME Toolkit, UTEC 80 810, FMD91, DO178, ISO 26262, lifting standards
- Electric accreditation / Working at heights accreditation (up to 6 meters).

#### **EXTRACURRICULAR ACTIVITIES & LANGUAGES**

#### Languages:

French: mother tongue

English: fluent

Italian: limited working proficiency

#### **Extracurricular activities:**

- Golf Swimming Guitar
- Valid first aids diploma