**1254432 Gulfjobseeker.com CV No:**

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**Personal Data:-**

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| **Date of birth:-**19/2/1983 |  |
| **Military Status: -** Fully exempted.  **Marital Status:-** Married  **Visa Status:-** Visit Visa |

**Objective:-**

* + Is to obtain a challenging position in a high quality engineering environment where my resourceful experience and academic skills will add value to organizational operations.

**Education:-**

* + Master Degree of Engineering, Mechanical Engineering Department, Faculty of Engineering, Alexandria University. (2011).
  + Diploma of Environmental Studies in Energy Conservation Alexandria University.(2005 – 2006)
  + B. Sc. Mechanical Engineering, Mechanical Engineering Department, Faculty of Engineering, Alexandria University, (1999-2004)
    - Cumulative Grade: Good Graduation Project Grade: Excellent.
    - B.Sc. Graduation Project Central Air Conditioning

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| **Personal Skills:-** |  | | | |
| **General :-** |  | | | |
| * Ability to handle a varied workload. | | | | * Excellent practical skills. | | | | |
| * Comfortable with working outdoors in all weathers. | | | | * Safety conscious. | | | | |
| * Ability to work on own initiative and unsupervised | | | | * Fault finding. | | | | |
| * Valid driving license. | | | | * Energy and enthusiasm. | | | | |
| * Good communication and presentation skills. | | | | * Numeracy skills. | | | | |
| * Willing and available to be on call (overtime). | | | | * Critical thinking and analysis. | | | | |
| * Ability to make decisions under pressure. | | | | * Ability to work well on a team. | | | | |
| * Courteous, helpful and ‘can do’ attitude. | | | | * Leadership skills. | | | | |
| **Computer:-** |  | | | |
| * Microsoft Office (Word-Excel-PowerPoint) | | | * AutoCAD(2D-3D) | | | | |
| * CATIA\_V5 | | | * Solid Edge | | | | |
| * Pro Engineer wildfire 4 | | | * MAGMA simulation software | | | | |
| * Adobe Photoshop CS5 basics and general knowledge | |  | | | |
| **Language:-** |  | | | |
| * Arabic (mother tongue). | | | | * English (fluent). | | |

**Career History:-**

1. **R&D engineer in Abou-kir Engineering Industries company From (1/3/2005 to 8/3/2007).**

Job Responsibilities:-

1. Follow-up the Annual researches plan.
2. Create and follow up improvement projects in all departments.
3. Review the required jobs by the drawing Office.
4. **Barge Engineer in Maridive Group (Maridive Offshore Projects)From (14/3/2007 to 18/8/2007).**

Job Responsibilities:-

1. Following up the barge consumables and equipment.
2. Ensure that all required project materials are according to specifications and available as schedule.
3. Observes & records the job progress and to keep the project progress according to plan.
4. Create and ensure that proper operating procedures for all machinery are followed.
5. Monitors and controls all technical tests as per requirements; maintaining records of work completed & issue of regularly project progress reports.
6. Report and follow any mechanical problems to the barge foreman and coordinate with foreman and maintenance crew to correct problems and avoid downtime.
7. **Design Engineer in Alexandria Automotive Casting (delivering OEM parts for the global automotive industry) From (9/9/2007 to 31/10/2010).** [***www.aac-egypt.com***](http://www.aac-egypt.com)

Job Responsibilities:-

1. Organizes all the work & activities in the pattern workshop (24 worker and Technicians).
2. Create accurate 3D files of the products on the CAD software.
3. Design the patterns layout, risering & gating systems.
4. Follow up the manufacturing process for the patterns in the workshop.
5. Investigate any problem with pattern and core box making.
6. Investigate and solve any casting problem related to the pattern and core.
7. Responsible for the manufacturing of the gating system.
8. Responsible for the maintenance & replenishment of the tools.
9. Developing operating instructions for all working stations.
10. Developing maintenance instructions for all the department equipment.
11. Identifying & periodically requesting workshop material requirements.
12. Responsible for implementation of the safety instructions in workshop.
13. **Products Design & Development Section Head in Alexandria Automotive Casting (delivering OEM products for the global automotive industry) From (1/11/2010 till now).**

Job Responsibilities:-

1. Manage all the Tasks of the department under the supervision of the Engineering Manager.
2. Investigate the new casting products to determine the parting lines, material, part weight, & the ingate position and decide the possibility to be produced by the foundry.
3. Responsible for design the patterns so the products would meet the dimension, shape, & geometry requested by the customer.
4. Transfer the 3D files to MAGMASOFT casting module to evaluate the calculated gating system.
5. Responsible for creating pouring and solidification simulations for all new projects.
6. Provide the timing plan for the tool manufacturing process per each individual project.
7. Out sourcing & follow up the manufacturing of the tools at best quality and minimum cost.
8. Identifying the material and the tools requirements requested by the department.
9. Follow up the manufacturing process for the pattern at the external supplier .
10. Responsible for following up the production process & continuously improving in the process conditions to reduce the scrap and increase the productivity.
11. Preparing all schedules & reports requested by the engineering manager.
12. Team member in APQP process (Advanced Product Quality Planning).
13. Responsible for creating the trail plan for all the new projects.
14. Responsible for improving and adjusting of all process parameters for the new projects to meet customer requirements during the trails phase.
15. Supervising the measuring process for both pattern and product after the first sample to insure that all the geometrical features are according to specification.
16. Team member in customer complaint solving process using 8D technique.

**Achievements:-**

1. Working with very famous brand names like VW, BMW, Jaguar, CONTI Teves , Brembo and Ford.
2. Design & manufacturing a lot of patterns & gating system of Brake systems especially "Holders,Calipers,break discs & Drums "for Conti TEVES that using with VW,Ford,IVECO, Land Rover and GM ", plus pressure plates, flywheels, gratings & manhole cover.
3. Participate in solve a lot of production problems and decries production rejection rate.
4. Manufacturing the patterns with outsourcing manufacturer in Denmark & UK.

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**Training courses:-**

1. Training course on CATIA V5 3D Software (Fundamentals & surface design) from Applied Group UK. (Dassault Certified Education Partner).
2. Training course on MAGMA simulation software (simulating the filling and solidification process during casting).
3. Innovation techniques and problem solving workshop (Symbios Consulting Group).
4. ISO 14001:2004 Awareness from Integral Management & Quality Solutions.
5. OHSAS 18001:2007 Awareness from Integral Management & Quality Solutions.
6. Completed English language courses with the certificate from the AMIDEAST.
   * Passed the TOIEC exam with Post Advanced score.
   * Passed the Local TOEFL exam with passing score 600.