

# Mohamed Radwan

16 El Genena St. - Shoubra St. – Cairo – Egypt, P N: 11241  
Cell Phone: (+2) 01004576449  
Home Phone: (+202) 22057001  
E-mail: [mohamed.radwan2010@gmail.com](mailto:mohamed.radwan2010@gmail.com)



## Objective

Seeking a challenging career in the field of design management, project management or mechanical design.

## Education

B.Sc. in Mechanical Engineering, Design and Production Department, Faculty of Engineering, Ain Shams University. Cairo, Egypt. Overall Grade: **Good**, Graduation Project Grade: **Excellent**.

## Experience

### Professional Experience (P&G Engineering 4.5 years)

- MEA F&HC DL Technical Engineer in P&G [June 2014 till Now]

#### Key projects/systems:

- o Cairo Capacity Increase Project.
- o Ibadan Capacity Increase Project.
- o Admix CTO (Core Technology Owner)
- o Raw Materials handling & Crutching CTO
- o DL C+D<sup>4</sup> owner (Development projects with academia and suppliers) – Engineering Case Study.
- o MUVS (Material Unloading Verification System) development and global execution.
- o Dry Laundry Making Initiatives in MEA (Middle East and Africa)
- o End to End owner for one of ESND projects (Europe Supply Network Design)
- o Casablanca capacity increase benchmarking studies and trials.
- o Trainer in Dry Laundry Making Process Engineering School.

- F&HC DL GTO (Global Technology Owner) in P&G [Aug 2013 till May 2014]

#### Key projects/systems:

- o Admix CTO (technology ownership for 5 equipment/systems, technical support for 4 projects and leading 6 development projects).
- o Raw Materials handling & Crutching CTO (Technology ownership of 3 equipment, 2 systems, 1 project and 1 development project).
- o Relationship management for key DL OSE Off Shore Engineering (3D Chemoprag), Quality improvement, workload tracking, 3D scanning.
- o DL C+D<sup>4</sup> owner (coordinate/track projects, 5 projects in EMEA)
- o Organizational: CTC reunion (F&HC and BC hubs integration), Ain Shams University Campus team, CTC productivity (laptops analysis and upgrade & mobile phones roaming cost optimization), CTC R&R system.

- MEA F&HC DL Technical Engineer in P&G [Dec 2011 till Jul 2013]

#### Key projects/systems:

- o "Mambilla" Ibadan Capacity Increase 5.5MMSu (Design – VATs – Construction support)
- o Phase 1: Blown Powder scope design (Main raw materials hoist, Sulphate system, High pressure pump, Tower belt, Air lift, Gravity separator, PWS, Air heater sys, Tower top, Cyclone, Exhaust system).
- o Phase 2: Lead Admix Modular VAT (6 weeks in China), non-modular scope design (equipment relocation and site clearance), Overall design coordinator during design/construct phase (Making, Packing, PC&IS, Civil)
- o Other projects in Ibadan: Dry scrap project design (saving project), High pressure line design, Ibadan Capacity Ladder owner.
- o Others: Modularization CBA owner, Air lift M&S, Crutching CTO, EMEA C+D4 leader.

- Cairo Plant TSM MSG Projects Manager in P&G [Nov 2010 till Nov 2011]

Key projects/systems: Jubilee and Deneb Wave 2, Cairo Capacity Increase 37 MMSu, Tower exhaust ducting modifications, June 2011 Shut Down, 3<sup>rd</sup> spraying level design/construction, Plant MSG AE's (RMs shed, tower hot air

inlets, cyclone fines chutes, cyclone cleaner, tower cone cleaner, crutcher agitator), RV-Base 400T tank construction, Shut Down to Zero CBA v3.

- HS&E engineer in LEONI wiring systems [Sep 2010 till Oct 2010]

### **Trainings in P&G**

- Safety WBT (Web Based Trainings) and field trainings.
- ECMS (Essential Capital Management Skills)
- FCM (Fundamental Construction Management)
- Dry Laundry Making Process Engineering School.
- Clean design and micro contamination.
- Corporate athlete.
- Initiative management.
- M&S school (Modeling and Simulation)
- Hygiene Engineering School.
- Effective workload management.
- Presentation skills.
- Individual effectiveness.
- Improving personal leadership.
- Managing low performers.
- Situational leadership.
- Finance for non-finance.
- HPO (High Performance Organization)
- Pathways to Leadership.
- IP training (Intellectual Property)

### **Undergraduate Experience**

#### **Summer Trainings and Internships**

- Summer training in Metals Department, Military Engineering Factory of Helwan (99 Military).[8/2009]
- Internship in El Toutounji Plastic Group, El Obour Factory. [7/2009]
- Summer training in MCV (Manufacturing Commercial Vehicles) on Mercedes Benz Vehicles [6/2009]
- Leader of Design group in a practical training with Dr. Ahmed Hussein (Developing some mechanical parts and innovating engineering solutions) [7&8/2010]
- Practical summer training on main machining processes (turning- milling- drilling- shaping) in Ain Shams University Mechanical workshops [7/2008]
- Practical summer training in Khalda Petroleum Company, Tarik Gas Field, Western Desert, Egypt. [8/2007]

#### **Other Experience**

- Participated in the 4th Living Knowledge Conference, Queen's University, Belfast, Northern Ireland, UK. [8/2009]
- Member of SPARK program from MIT (Massachusetts Institute of Technology) [6/2007 till 9/2007]
- Working in Rabbits' production and trading. [4/2007 till 11/2008]
- Working in Australian Ornamental Birds production and trading. [2000- 2006]
- Working with my father in tracks spare parts trading in summer holidays and in my spare time.

#### **Extracurricular activities**

- Lead the Pharaohs Team to win Team Spirit Award in Rubicon 2010 (International Contest for Business Students), BiTS University, Iserlohn, Germany. [8-10/3/2010]
- Participant in MECA Academy, Passport to Quality workshop. [12/12/2009 till 30/6/2010]
- HR Training Consultant in APEC 2010(Associative Power Engineering Community).[10/12/2009 till 1/5/2010]
- Member in AYB, Micro Projects program. [24/11/2009 till 30/4/2010]
- Member in IDT (Industrial Development Team) Mini Consulting team. [13/11/2009 till 4/8/2010]
- Member of Culture committee, Student Union, Faculty of Engineering, Ain Shams University. [1/10/2009 till 19/7/2010],[10/2008 till 7/2009], [10/2006 till 7/2007], [10/2005 till 7/2006]
- Member in IDT institute (Industry Development Team) [29/6/2009 till 28/7/2009]
- Member in Development Convoys and The Egyptian Society of Endogenous Development of local Communities under supervision of Dr. Hamed El Mosely. [14/6/2009 till 1/8/2010]
- Lead a group to win the 1st place in the free style competition in CORD 2008 (Competition of Robot Design) [8/2008]
- Trainer in AC. (Academic Committee) Of EYE 08 (Engineering Yields Economy) Conference, BMW (Business Management Workshop). [17/12/2007 till 30/8/2008]
- Had an Entrepreneurial Master workshop from Mobinil and Exxon Mobil management executives. [30/11/2007]
- Head of EPR (External Public Relations) committee in GC (Golden College). [9/2007 till 2/2008]
- Member in IT (Information and Technology) Committee in GC (Golden College). [9/2007 till 2/2008]
- Member of IPR (Internal Public Relations) committee in EYE2007 Conference. [3/2007 till 9/2007]
- Head of Pharos Group in my faculty. [1/2007 till 10/2007]
- Member of NASS (National Annual Student Summit) in AUC (American University in Cairo). [1/2007]
- Founder of El Parliament simulation (the first held) in Ain Shams University. [10/2006 till 1/2007]
- Participate in Leaders Preparation Institute in Helwan. [8/2006]
- Member of EPR (External Public Relations) Committee in EYE2006 Conference. [4/2006 till 9/2006]
- Participated in ACES 2006 (The 2nd Annual Conference for Engineering Students). [11/2005 till 3/2006]

## Key University Projects

- Leader of Graduation Project Group (Design and Manufacturing of Utility Car), and lead the project to win in YIA competition (Young Innovators' Awards).
- Lead groups in Designing and Modeling of: VSD (Variable Speed Drive) – Hovercraft - Tuk Tuk Modifications - Sun Boat transportation.
- Participated in: Water Recycling Project - Marketing team concerning Bio-Fibers companies.

## Extra undergraduate Courses

- Social Project Planning and Management from ADAA' Agency.
- Supply Chain Management training from P&G (Procter & Gamble Company).
- Six Sigma and Lean Manufacturing from Schneider Electric Company.
- CNC (Computer Numerical Control) Milling Course, ITC.
- Welding Course, ITC (Industrial Training Council)
- Health and Safety Course according to OHSAS 18001:2007 from SETTEC Company.
- Lean Manufacturing from Symbios Consulting Company.
- Soft Skills from Intentions Training and Consulting Center.
- STEP 7 PLC (Programmable Logic Control) course from SIEMENS and FMS lab. (Flexible Manufacturing System Lab).
- Supply Chain Management and Time Management course from Exxon Mobil Company.
- TOT (Training of Trainers) program in EYE (Engineering Yields Economy) Conference.
- Mechanical Drawing and Programming Diploma, Vision Academy (Auto CAD, Inventor and Mat Lab).
- English Courses from AUC (American University in Cairo) [with grade "A" in levels 9 and 10].

## Interests

Sports: Cycling, Body building, Running, Squash, Swimming and Kong Fu.  
Fond of: Travelling, Reading, Drawing, Computer, Mobile Technologies and Motorbikes.

## Travel Experience

- Work for more than a month: Nigeria, China, Belgium, and Czech.
- Business visits: UK, Spain, Hungary, Romania, and Germany.
- Others: France, Turkey, Netherlands.

## Language

- Arabic: The Mother tongue.
- English: Fluent.
- German: Beginner.

## Personal Data

- Date of birth: 4th of March, 1988.
- Place of birth: Cairo, Egypt.
- Nationality: Egyptian.
- Marital status: Single.

## Military Status

Exempted

## References

Available upon request

## Date of availability

1-2 months after accepting job offer.