

## MAHİR ZİYREK



### PERSONAL INFO

**Date of Birth** : 27/07/1981  
**Marital Status** : Married

### CONTACT INFO

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*A highly professional and dedicated Mechanical Engineer with over 7 years experience in automotive industry in a multinational environment and 2 years experience in steel making industry at the largest production facility of the country.*

## EDUCATIONAL BACKGROUND

**1999-2004** (Including 1 year Foreign Language School)

**Middle East Technical University, Ankara**

B.Sc Mechanical Engineering

## PROFILE

### 1. PERSONAL

#### STRENGTHS

- \* Goal-oriented
- \* Proactive
- \* Open-minded
- \* Hard-Working
- \* Willing to learn
- \* Integrity

#### WEAKNESSES

- \* Ambitious
- \* Perfectionist
- \* Tolerant

### 2. PROFESSIONAL

- \* Able to communicate and motivate team members to enhance bottom line objectives
- \* Flexible and analytical with a keen eye for details to achieve strategic goals.
- \* Creative problem solving and trouble shooting skills.
- \* Substantial interpersonal and organizational skills

## LANGUAGE SKILLS

**ENGLISH** Solid expertise both in writing, reading, speaking and understanding.

**GERMAN** Functional knowledge of German in understanding and reading.

**JAPANESE** Basic understanding of Japanese.

**RUSSIAN** Set target to learn Russian in year 2014

## COMPUTER SKILLS

Talented in understanding new software tools by oneself

**CAD** CADkey, Solidworks, AutoCAD, Solidedge, Catia V5

**LANGUAGE** Studied C @ Unşversity, Turbo Pascal @ High School, GWBasic @ Secondary School

**CAE** MathCAD, Mathlab

**OTHERS** Microsoft Office Package, Dreamviewer, Frontpage, Flash, Photoshop

## CAREER HISTORY

**May 2012 - Present**

**Brightworks Engineering**

**Business Development Manager**

Brightworks Engineering is a young, dynamic and a professional engineering company focuses on plastics industry by introducing high quality European brands to Turkish Market. Brightworks exclusively has the rights to represent below brands/companies for Turkish Market as well as offering package solutions to its customers

- **Plastic Service Group Gmbh** - PSG is a world class German company producing hot runner systems and controllers for plastic injection moulding
- **Contura Gmbh** - Contura is an high-tec inovative plastics engineering company who is specialised in mould cooling technologies with a special know-how, offers redducing cycle times up to %50
- **Rainer-Knarr** - Rainer-Knarr is a German company who is producing standard mould components such as ejector pins, punches etc... for mold and die industry
- **Ferrofacta Gmbh** - Another German company open doors to Chinese mold market with German Engineering and project management comfort
- **SISE** - Sise is a French company who is specialised in process and temperature control systems in plastics industry
- **Tampomark** - Tampomark is a German company who is providing pad printing solutions as well as innovative inks for different applications
- **DMK** - South Korean company providing plastic re-pelletizing machines, micro-miniature inj. machines and vacuum pumps for plastic injection industry
- **SSB Machinery** - SSB Machinery is a Taiwanese company produces molds and inj. moulding machines

### Attended Trainings

- Practical & Theoretical Training of Hot Runner Systems @ Günther Heisskanaltechnik Gmbh, Germany , Germany, 14.09.2012 - 28.09.2012 (2 Weeks)
- Mould Cooling Technology & Temperature Management in Plastics Processing - Contura Gmbh, Germany
- Practical & Theoretical Processing of Plastics @ PSG Gmbh, Germany
- Basics of Plastics Processing Control Technology - SISE, France
- Hot Runner Technology and Applications - Runnertech, Spain

Brightworks also provides engineering services to global companies for their Turkey operations including project management, quality service, logistics and company representations. Two major references are Magna Steyr and Toyoda Gosei to whom Brightworks proudly serve in Turkey

**June 2007 - September 2011**

**Toyota Boshoku Europe N.V. , Adapazarı Branch Office**

**Purchasing Department**

**Supplier Production & Project Management Engineer & Buyer**

Toyota Boshoku is a world leading company in interior automotive industry with a yearly turnover around 8 Billion Euro. Turkey facility is called Toyota Boshoku Türkiye with over 750 employees and producing whole seat assembly and door trims for Toyota Auris and Toyota Corolla Verso.

### **Responsibilities**

Technical and Cost management of suppliers in the commodity of plastics injection, foaming and rubber

- \* Make or Buy Study and Supplier Selection
- \* Review designs for feasibility and ensure final design can be manufactured to cost, timing and quality
- \* Ideal material selection and optimum production process decision
- \* Project management from quotation phase to launch according to Toyota philosophy
- \* Follow-up of production, modification and improvement of moulds
- \* Cost analysis and reduction studies, annual price negotiations
- \* Supplier access and improvement studies according to corporate procedures
- \* Train the suppliers and make sure that the defined standards are properly applied
- \* Bridge the gap between design, quality, logistics etc.. departments of supplier and my company

## **Projects & Achievements**

*New Corolla Verso Project (June 2007 - February 2009; Turkey*

*Next Generation Yaris Project (March 2009 - June 2011); Belguim, Poland, France*

*New Auris Project (April 2010 - Sept. 2011); Turkey*

*New Corolla Sedan Project (April 2011 - Present); Turkey, South Africa*

## **Qualifications Acquired**

- \* Considerable experience and knowledge in domestic and European automotive supply base
- \* Valuable knowledge in Plastics and Moulding Technology
- \* Knowledge of Japanese philosophy such as Toyota Production System, Kaizen, 5S etc..
- \* Project management ability
- \* Knowledge of Production Planning and logistics

## **Countries Visited especially for moulding and injection facilities**

- |           |                |              |
|-----------|----------------|--------------|
| * Germany | * Slovenia     | * Holland    |
| * Belgium | * Italia       | * Luxembourg |
| * Japan   | * Spain        | * USA        |
| * France  | * South Africa |              |
| * Poland  | * Croatia      |              |

## **November 2004 - December 2006**

### **Eregli Iron & Steel Works Co. (ERDEMIR)**

#### **Blast Furnace Department**

#### **Mechanical Maintenance Engineer**

ERDEMIR is one of the biggest production facilities of Turkey both in terms of turnover and number of employees (around 8000 workers). Company is producing sheet steels from the iron ore which is the very preliminary phase.

#### **Responsibilities**

Responsible for mechanical maintenance of Pulverized Coal Injection Facility. Trying to keep the plant ready to work most efficiently by performing predictive and preventive maintenance activities with a maintenance team in according to Total Productive Maintenance(TPM).

#### **Achivements**

- \* Saved 120000\$/year of the company by decreasing booster air need of the system
- \* Saved 10000\$/year of the company by re-designing the actuator of the exhaust valve
- \* Saved both some Money and working force by decreasing the pressure need of the dust collecting system
- \* Design and construct a Jig-Crane which has 1,5 tons load carrying capacity

#### **Qualifications Acquired**

Mostly worked on PLC controlled Hydraulic and Pneumatic control systems. Gained significant experience in PLC programming (ON-OFF control) and failure detection, maintenance and design of hydraulic and pneumatic systems.

## **ATTENDED COURSES**

### **TECHNICAL SKILLS**

- \* Basic Hydraulics, Erdemir, 2 Weeks, 2005
- \* Basic Pneumatics, Erdemir, 2 Weeks, 2005
- \* Electro-Pneumatics, Erdemir, 1 Week, 2006
- \* Basic Vibration Knowledge, Vibratex, 1 Day, 2006
- \* Basic Bearing Selection, ORS, 1 Day, 2005
- \* Geometrical & Dimensional Tolerancing, MMO, 1 Day, 2011
- \* Chip-type Manufacturing Techniques, MMO, 1 Day, 2011
- \* Toyota Supplier Production Preparation Philosophy, TBJ, Brussels, 2010

### **SOCIAL SKILLS**

- \* Time Management, PDR, 1 Day, 2007
- \* Empathy, PDR, 1 Day, 2007

## HONOURS

- \* Ranked 1870th over 1,5 million students in Turkish University Entrance Exam (OSS), 1999
- \* Ranked 160th over 115000 students in Guvender University Preparation Exam, 1999
- \* Ranked 2nd over 12000 students in Tercih Dersaneleri University Preparation Exam, 1998

## HOBBIES & INTERESTS

- \* Economics: A curious statistic maker
- \* Literature: Strong Reader, amateur poet
- \* Chess: Not an assertive but an enthusiastic player
- \* Soccer: A flamboyant striker