

MAHIR ZIYREK



PERSONAL INFO

Date of Birth : 27/07/1981
Marital Status : Married
Driving Licence : B Class
Military Service : Done (17/05/2007)

CONTACT INFO

Address : İstiklal Mh. Serdivan/Sakarya
Mobile : +90 505 6744093
E-mail : sales@brightworkseengineering.com
Smoking : Never

A highly professional and dedicated Mechanical Engineer with over 8 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

1996-1999

Erzurum Fen Lisesi, Erzurum

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, reading and speaking.

JAPANESE Survival level

SPANISH Set target to learn Spanish in year 2016 / 2017

COMPUTER SKILLS

Talented in understanding new software tools by oneself

CAD CADkey, Solidworks, AutoCAD, Solidedge, Catia

LANGUAGE Studied C @ University, Turbo Pascal @ High School, GWBasic @ Secondary School

CAE Autodesk Moldflow, MathCAD, Mathlab

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

CAREER HISTORY

May 2012 - Present

**Brightworks Engineering
Business Development Manager**

Brightworks Engineering is a professional plastics engineering company offering both products and services to injection moulding world with its solid background and global partners. Brightworks now proudly known as a high technology provider in its industry and helps to its customers to be productive than ever. Today, Brightworks offers its products and services as well as consulting to major international companies from from automotive to gardenware...

Brightworks provide below service and products:

- **Plastic Service Group Gmbh** - PSG is a strong german company producing hot runner systems for various applications from automotive to packaging
- **Contura MTC Gmbh** - Contura is a world class innovation company who is specialised in conformal cooling and Rapid Heat & Cool applications
- **Rainer-Knarr** - Rainer-Knarr is a German company who is producing standard mold components such as ejector pins, guidings, bushings, date stamps etc...
- **SISE** - Sise is a French company who is specialised in process and temperature control systems pioneering Valve Gate Controllers and as well as hot runner controllers and mold temperature controllers
- **Priamus AG** - Priamus is specialized in in-mold instrumentation systems not only providing sensors but also helps to use the data gathered from the mold to optimize machine or peripheral equipments
- **MuCELL** - American Trexel developed MuCell which is micro cellular foam injection molding known as the greatest innovation in plastics industry within last 20 years. Helps to reduce part weight, cycle time, clamp force ...
- **Brightworks Plastics Academy** - Brightworks Plastics Academy is a unique injection molding academy in Turkey offering theoretical and practical trainings to both white and blue collar workers in the industry
- **Consulting** - Brightworks also offers consulting service to its customers in plastic injection molding to increase the efficiency, improve the know-how level, eliminate the quality defects etc...
- **MF Software TR** - MF Software TR is the joint venture of Brightworks and the Europe's biggest Autodesk Moldflow company MF Software, located in Turkey. Offering Moldflow simulation analysis consulting, trainings and selling Autodesk Moldflow Simulation software

Attended Trainings

- Practical & Theoretical Training of Hot Runner Systems @ Günther HK Gmbh, Germany, 2 Weeks, 2012
- Mold Cooling Technology @ Contura Gmbh, Germany, 3 Days, 2013
- Basic Understanding of Hot Runner Systems @ PSG Gmbh, Germany, 2014, 3 Days
- MuCELL Technology @ Trexel Europe Gmbh, Germany, 2016, 3 Days
- Practical & Theoretical Training of Hot Runner Systems @ Runnertech, Spain, 2014, 3 Days
- Moldflow Simulation @ MF Software Gmbh, Germany, 4 Days
- Basics of Plastics Processing Control Technology @ SISE, France, 2013
- Toyota Production System @ TBEU, Brussels, 2010
- Toyota Project Management System @ TBEU, Brussels, 2009

June 2007 - September 2011

Toyota Boshoku Europe N.V. , Adapazari Branch Office

Purchasing Department

Supplier Production 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 stamping, pipe, foaming and fasteners.

- * 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 dies
- * 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

This project was a domestic project, most of the suppliers were located in Bursa and Gebze. I was mainly responsible for stamping and foaming parts. I have gained valuable knowledge in Turkish automotive supply base.

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

This project was an international project under the management of headquarter located in Belgium with the production facilities located in France and Poland. I have mainly managed, supported and trained local staff in Belgium and set-up production preparation management strategy and procedure in European base. I have gained valuable experience and knowledge of European automotive supply base.

New Auris Project (April 2010 - Present); Turkey

Although a domestic project there are a few European makers existing in the supply base. I am mainly responsible for stamping parts.

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

Beside the normal domestic workload I took the responsibility as a trainer/supervisor to South Africa Plant. Main responsibility is plastic injection and PU & Plastic raw material.

Qualifications Acquired

- * Considerable experience and knowledge in domestic and European automotive supply base
- * Found chance to work in multinational environment
- * Knowledge of Japanese philosophy such as Toyota Production System, Kaizen, 5S etc..
- * Technical drawing understanding (Geometrical and dimensional tolerancing etc...)
- * Deep knowledge of metal processing works such as stamping, welding, wire bending etc...
- * Experience in plastic injection process
- * Project management ability
- * Knowledge of Production Planning and logistics

Countries Visited for Business Purpose

- | | | |
|-----------|----------------|--------------|
| * 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).

Achievements

- * 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, Vibratek, 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

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