

## PERSONAL INFORMATION

Name Surname

**FATİH BAZMAN**

Gender

**MALE**

E-mail

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Website

<http://fatih.bazman.net>

Nationality

Turkish Republic

Date of birth

11 SEPTEMBER 1974

## WORK EXPERIENCES

- Dates (from – to)
- Name and address of employer
- Website address of employer
  - Type of business or sector
  - Occupation or position held
- Main activities and responsibilities

07/2002 – up to now

**GAMA Industrial Plants Manufacturing and Erection Corp. – Ankara / Turkey**

<http://www.gama.com.tr/>

Engineering and Manufacturing

Mechanical Design Chief

Especially designing:

- Oil storage tanks as per API 650
- Water storage tanks as per AWWA D100
- Heat exchangers as per TEMA and ASME Sec. VIII Div. 1
- Pressure vessels and stacks as per ASME Sec. VIII Div 1, AD Merkblatt 2000, EN-13445 and Pressure Equipment Directive 97/23/EC.
- Silo and bunker as per DIN 1055 Part 6
- Pig receiver and launcher for LNG pipe lines as per ASME B31.8
- Steam drum as per ASME Sec. I
- Power piping as per ASME B31.1
- Lifting equipment
- Transportation equipment driven by mechanic or pneumatic tools.
- 3D Plant design and review with using AUTODESK NawisWorks, SmartPlant Review

Planning and designing of heat exchangers, pressure drums, towers, reactors for refineries carried out by means of CODEWARE Compress. Designing 3D and solid modeling machines (AUTOCAD 200x), steel structures finite element modeling (SAP 2000), 3D modeling and shop drawings generated by means of XSTEEL 9.x ~12.x, TEKLA 13+.

A finite element analysis of a pressure vessel according to ASME Section VII Division I was carried out using by NASTRAN. In this study, there were researched effects of buckling, pressure, temperature and seismic load cases on a thin walled cylindrical column with 42 m. height. This study was published as a paper and presented on 3rd Machine Design and Manufacturing Technologies Congress organized by the Chamber of Mechanical Engineers in Konya on September 17, 2005.

An analysis for stiffening of thin cylindrical silo shell against buckling loads was carried out and this study was published as a paper and presented on 12th International Conference on Machine Design and Production organized by METU in Kuşadası on 06 September 2006. In this study, buckling analysis of a silo which is also supporting another structure is analyzed with eigenvalue solution by using finite element method and an analytical method.

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Participating in project management and design activities for different kinds of international projects:

- Storage tanks design and 3D Plant Model Supervising for Al-KHALIJ PP Project with BECHTEL/USA
- Coding a Document Management System (DMS) software package in PHP and MySQL for DISI (Amman-Mudawarra Water Conveyance Project) Project, DIWACO.
- Steel Structures and ducts for QATAR GTL Projects with LINDE/Germany.
- New Kiln Line Piping Design for RABIGH Cement plant (Qatar) with OEMAG/Austria
- Clinker Storage Silos for YAMAMA Cement Plants (Saudi Arabia) with POLYSIUS/Germany
- Steel structure detailing for TÜPRAŞ (Turkey) with TECHNIP/France
- Oil and water storage tanks for RAS GAS (Qatar) with CTJV / France.
- Pressure vessels (drums and columns) design for TÜPRAŞ (Turkey) with LITWIN / France
- Fired heaters detailing for RAS LAFFAN (Qatar) with TECHNIP-KTI/Italia
- Pressure vessel and storage tanks designing for TÜPRAŞ (Turkey) with MITSUI/Japan.
- Stacks and pressure vessels for CALLIDUS/USA etc.

ASME certification audits were attended on 2003, 2006, 2009 & 2012 and various stamp (U, PP, S) renewal for ASME design and fabrication certification.

DocuMule Document Management System software package was coded in PHP and MySQL. DcouMule is a computer system used to track and store electronic documents and/or images of paper documents. Also by using this software, it is easy to compile reports for all documents in PDF and EXCEL format simultaneously.

04/1997 – 07/2002

**ÇİMTEK Cement Technologies Corp. Ankara – Turkey**

[http://www.cimtek.com.tr/index\\_eng.html](http://www.cimtek.com.tr/index_eng.html)

Engineering and Manufacturing

Mechanical Design Engineer

Planning and designing industrial factory especially in cement industries. Designing 3D and solid modeling machines, steel structures and ducts in AUTOCAD. These solid models were animated via AutoCAD 2000 and VRML format in internet browsers.

Especially designing dust ducting, fuel oil pipelines, fuel oil tanks, pressured air pipelines, hot gas generators and developing new mechanical equipment such as two way chutes, air slides, all kinds of valves, transportation equipment driven by mechanic or pneumatic tools.

Participating in project management and design activities for different kinds of national and international projects:

- 3rd and 4th cement mills capacity increase engineering Oyak Adana Cement Plant / Turkey with KHD/Germany
- Hot gas generator, Oyak Gama Elaziğ Cement Plant / Turkey
- New kiln line, Vicat Konya / Turkey with Polysius etc.

Coded a software package in LISP, named CONST. CONST is an add-in to AutoCAD for creating and developing mechanical parts and other data. With CONST, it is easy to create structural sections and develop pieces, bill of materials, electrical motors, bearings, couplings and several shapes.

Also, a search engine program was developed by PHP and MySQL, for the archive data of ÇİMTEK which includes more than 11500 records.

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11/1994 – 01/1997

**KAPTANOĞLU SHIPPING Corp. Istanbul – Turkey**

Maritime

Superintendent and specialist about overhaul of marine engines and steel structure renewal

Participating in operation management of the company's vessels. Dealt with important engine parts. Coded ship stability software in C and Visual Basic Languages.

**EDUCATION AND TRAINING**

- Dates
- Name and type of organization providing education and training

November 2011

MICROSOFT Turkey, MS-SQL, C# training course at GAMA. Ankara.

- Dates
- Name and type of organization providing education and training

August 2008

INTERGRAPH, SmartPlant 3D training course at GAMA Design Department, Ankara - Turkey.

- Dates
- Name and type of organization providing education and training

September 2006

12th International Conference on Machine Design and Production organized by METU in Kusadasi - Turkey

- Dates
- Name and type of organization providing education and training

September 2005

3rd Machine Design and Manufacturing Technologies Congress organized by the Chamber of Mechanical Engineers in Konya - Turkey.

- Dates
- Name and type of organization providing education and training
  - Title of qualification awarded

February 2005

Internal Auditor Course for Quality Management System of ISO 9001, ISO 14001 and OHSAS 18001 by Det Norske Veritas, Ankara - Turkey.

Internal Auditor Certificate.

- Dates
- Name and type of organization providing education and training

June 2003

Xsteel training course at GAMA Design Department, Ankara - Turkey.

- Dates
- Name and type of organization providing education and training

November 2003

ASME Section VII Div. 1, Updates and New Regulations training course by RW-TUV, Istanbul - Turkey.

- Dates
- Name and type of organization providing education and training

1996 – 1997 & 1992 – 1993

English preparatory course in Marmara University - Turkey.

- Dates (from – to)
- Name and type of organization providing education and training
  - Title of qualification awarded

1994 – 1997

Master of Science of Naval Architecture and Marine Engineering at ISTANBUL TECHNICAL UNIVERSITY (I.T.U) - Turkey.

Not completed.

- Dates (from – to)
- Name and type of organization providing education and training
  - Title of qualification awarded

1990 - 1994

Naval Architecture and Marine Engineering at ISTANBUL TECHNICAL UNIVERSITY (I.T.U) - Turkey.

Naval Architect and Marine Engineer, BSc.

- Dates (from – to)
- Name and type of organization providing education and training

1987 - 1990

Mustafa Kemal High School in Ankara - Turkey

## TECHNICAL PUBLICATIONS

- Name of publication "Stiffening of thin cylindrical silo shell against buckling loads".
  - Presented date September 2006
- Name of presented conference 12th International Conference on Machine Design and Production organized by METU in Kuşadası – Turkey
- Website address of this paper <http://fatih.bazman.net/download/37-UMTIK06-024.pdf> (available in PDF format)
- Name of publication "Enforcement of Thin Walled Cylindrical Columns against increased Seismic Loads by Finite Element Analysis"
  - Presented date September 2005
- Name of presented conference 3rd Machine Design and Manufacturing Technologies Congress organized by the Chamber of Mechanical Engineers in Konya - Turkey.
- Website address of this paper <http://fatih.bazman.net/download/MATIT2005.pdf> (available in PDF format)

## PERSONAL SKILLS AND COMPETENCES

NATIVE LANGUAGE

**TURKISH**

OTHER LANGUAGES

**ENGLISH**

- Reading skills
- Writing skills
- Verbal skills

GOOD  
GOOD  
GOOD

ORGANIZATIONAL SKILLS AND COMPETENCES

MEMBERS OF THE CHAMBER OF NAVAL ARCHITECTS AND MARINE ENGINEERS AND NATURE TRAVELERS ASSOCIATION.

TECHNICAL SKILLS AND COMPETENCES

PROGRAMMING IN PHP, MYSQL.  
USING WIN XP, SQL, MYSQL, SAP 2000.x, AutoCAD 200x, CODEWARE COMPRESS, XSTEEL 9.x-10.x, TEKLA 11-13.x, AUTODESK NAVISWORKS, AVEVA PDMS, SMART PLANT REVIEW AND MICROSOFT OFFICE PROGRAMS  
HARDWARE KNOWLEDGE AT INTERMEDIATE LEVEL.

ARTISTIC SKILLS AND COMPETENCES

HIKING, MOUNTAINEERING, SHIP MODELLING, PHOTOGRAPHING.

MARITAL STATUS  
MILITARY OBLIGATION

SINGLE  
COMPLETED (07/1999 - 03/2000)

DRIVING LICENCE(S)  
SMOKING

B Class.  
Non-smoker

## REFERENCES

Mr Fuat TINIS  
Design Manager  
GAMA Endustri A.S.  
Kirkpinar sk. No:18/2 Cankaya-Ankara TURKEY  
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Mr. Erkan ABACIOĞLU  
Design Manager  
ERK Project Manufacturing and Erection Inc.  
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Project Manager and Design Dept. Director.  
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