

## Personal Details

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Full Name and  
Contact Info Kılıç Ali Temiz  
22 June 1966, Rize, Turkey

katemiz@gmail.com  
+90 555 286 31 10

Married with two children. Completed military service.

Computer and  
Programming Knowledge *Programming*  
Web Programming (Very Good)  
HTML, PHP, Python, Javascript and Databases

Developed many database driven web applications for  
Aerospace Engineering Communities

*Operating Systems*  
Windows and Office Applications  
All kinds of Linux OSs. Running servers.

*CAD/CAE Software*  
More than 20 years of experience on different CAD/CAE  
platforms.

Dassault PLM and CATIA V6  
[\(TUSAS Turkish Fighter Project - TFX, MMU, approx 2,5 years\)](#)

Siemens Teamcenter Engineering and NX  
[\(TUSAS ANKA2 /Aksungur Project, approx 2,5 years\)](#)

PRIMES and CATIA V5  
[\(AIRBUS - TUSAS A400M Project, approx 5 years\)](#)

Siemens Teamcenter Engineering and UNIGRAPHICS  
[\(TUSAS - ZIU Aircraft Project, approx 3 years\)](#)

Pro/ENGINEER  
[\(TUSAS - Tool Design Activities, approx 4 years\)](#)

and other softwares used in aerostructural design activities  
like Msc PATRAN/NASTRAN, Matcad etc.

Languages English (Very Good, More than 35 years of experience)  
French and German (Beginner)  
Turkish

## Education Background

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**University** Mechanical Engineering Department  
[Middle East Technical University](#), Ankara  
1984-1988

**English** [English as Second Language](#)  
Middle East Technical University, Ankara  
1983-1984

**High School** Etlik Lisesi, Etlik, Ankara  
1980-1983

## Professional Experience and Projects

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TF-X Chief Engineer TFX Vice Presidency	November 2020 – March 2021 <b>Turkish Aerospace Industries</b> TF-X Project Chief Engineer. Responsible for all kinds of engineering activities and decision making of <a href="#">Turkish Fighter Project, MMU</a> .
Engineering Director and Structural Engineering Manager TFX Vice Presidency	December 2018 – November 2020 <b>Turkish Aerospace Industries</b> Establishing engineering infrastructure for TF-X Fighter Program Developing concepts and preliminary design for TF-X Fighter Program
Advanced Manufacturing Engineering Manager Department of Engineering	11 October 2018 – December 2018 <b>Turkish Aerospace Industries</b> Devising new manufacturing and assembly processes.
Structural Engineering Manager Department of Engineering	14 September 2017 – 11 October 2018 <b>Turkish Aerospace Industries</b> Establishing basic common structural engineering methods, tools and documentation: <ul style="list-style-type: none"><li>● Fastener Selection Application</li><li>● Geometric Dimensions and Tolerancing Specification (GD&amp;T)</li></ul> Preliminary sizing and design of <a href="#">New UAV Project</a> . Design and manufacturing of Wind Tunnel Test models for fighter aircraft.
Chief Design Engineer Department of UAV Systems	April 2015 – 14 September 2017 <b>Turkish Aerospace Industries</b> Developing various technical design solutions for: <ul style="list-style-type: none"><li>● <a href="#">SIMSEK</a> flutter problem</li><li>● <a href="#">ANKA</a> Main Landing Design, Analysis and Testing</li><li>● <a href="#">ANKA</a> Deicing design and testing</li><li>● <a href="#">ANKA</a> New Wing Design</li><li>● Developing new composite design tools</li></ul>
Structural Engineering Manager Department of Aerostructures	January 2014 – April 2015, <b>Turkish Aerospace Industries</b> Developing engineering solutions for <a href="#">A400M</a> Fuselage, Wing Work Packages and <a href="#">A350</a> Aileron.

	<p>Those tasks included A400M qualification problems with structural testing.</p> <p>Harmonizing engineering processes with AIRBUS processes in order to be in line with AIRBUS Signatory Delegation Process (AP1020).</p>
<p><b>Training Manager</b> Human Resources Department</p>	<p>December 2011 – January 2014, <b>Turkish Aerospace Industries</b></p> <p>Running technical training activities for manufacturing processes for TAI projects.</p> <p>Transformation of the training department into a company academy by developing a new curriculum for engineering.</p>
<p><b>Engineering Services Manager</b> Department of Helicopter Systems</p>	<p>March 2010 – December 2011, <b>Turkish Aerospace Industries</b></p> <p>Responsibilities:</p> <ul style="list-style-type: none"> <li>● Flight Test Instrumentation and Test Reporting</li> <li>● Safety and reliability Analysis and Activities</li> <li>● Qualification and Certification of <a href="#">ATAK</a> Program</li> </ul>
<p><b>Structural Engineering and stem Installation Manager</b> Department of Helicopter Systems</p>	<p>August 2008 – March 2010, <b>Turkish Aerospace Industries</b></p> <p><a href="#">ATAK</a> Chief Engineer (Acting) and Structural Engineering Activities</p>
<p><b>ATAK Engineering Chief</b> Department of Helicopter Systems</p>	<p>October 2007 – August 2008, <b>Turkish Aerospace Industries</b></p> <p>Running <a href="#">ATAK</a> pre-contractual structural engineering risk mitigation activities.</p>
<p><b>Concurrent Engineering Chief Engineer</b> Directorate of Engineering</p>	<p>June 2006 – September 2007, <b>Turkish Aerospace Industries</b></p> <p>Establishing and running TAI PDM (Product Data Management) in Teamcenter.</p>
<p><b>Airframe Chief Engineer</b> Directorate of Engineering</p>	<p>October 2005 – June 2006, <b>Turkish Aerospace Industries</b></p> <p>Running following activities for <a href="#">A400M</a> and YARASA (Helicopter Modernisation Project)</p> <ul style="list-style-type: none"> <li>● Structural Design</li> <li>● Structural Analysis</li> <li>● Materials and Processes</li> <li>● Technical Drawings</li> </ul>
<p><b>Composite Design Leader</b></p>	<p>April 2005 – October 2005, August 1998 – April 2005, <b>Turkish Aerospace Industries</b></p>

Mechanical Design  
Engineer  
Directorate of Engineering

ZIU (Agricultural Aircraft) Wing Design Engineer.  
[A400M](#) Rear Fuselage IPT Leader.

Components:

- Tail Cone (Composite Structure)
- Paratrooper Doorsı (Metallic Structure)
- Emergency Exit Hatch (Metallic Structure)
- Rear Fuselage Upper Shell (Metallic Structure)

Tool Design Engineer  
Directorate of Operations

February 1991 – August 1998,  
**Turkish Aerospace Industries**

Design activities for tools and jigs for F16, CASA and many other aerospace projects.

Manufacturing Process  
Development Engineer

October 1990 – February 1991,

[Ortadoğru Rulman Sanayi \(ORS\)](#) [Bearing Company]

Defining manufacturing processes for new bearing products

Product Design Engineer

November 1988 – August 1989,

[SOYUT](#) Holding A.Ş Ankara

Design of Mining (Coal) Cutes and Conveyors

## Training and Experience

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Airbus Germany (Bremen)	A400M Project Conceptual and Preliminary Design Conceptual and preliminary design and interface management of A400M TAI components (Forward Center Fuselage, Rear Fuselage Upper Shell, Emergency Exit Door, Paratrooper Doors, Emergency Hatches and Tail Cone) in Airbus – Germany (Bremen) facilities. 2002 (approx 10 months)
CASA (Getafe-Madrid/SPAIN)	A400M Project Conceptual Design Conceptual design and analysis of A400M TAI components (Forward Center Fuselage, Flaps, Emergency Exit Door) in CASA – Madrid facilities. 2000 (approx 9 months)
CASA	STRESS ANALYSIS OF METALLIC STRUCTURE By CASA approx 1 month in 2000
Boeing	STRUCTURES ENGINEERING Training on structural design and analysis of airframe by BOEING (Mike Mohogengh) 2000 (approx 1 month)
Airbus	VIRTUAL PRODUCT MODEL (VPM) Airbus, 2002
TUSAS	CATIA V5 CPD Manufacturing Information Security Awareness Agile Systems Engineering Understanding and Management of Economics Future Of Computing Introduction To Unix ISO 9000 Supervisory Management Training TQM & SPC Awareness Type Certification