

# ERDAL KILIÇASLAN

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## **EXPERIENCE:** -----

- 2013- **TÜBİTAK BİLGEM İLTAREN** -ANKARA  
◆ Technical Adviser for Electronic Warfare Projects.
- 2012- **DDI TECHNOLOGY INC** -İSTANBUL  
◆ Technical Adviser for Research and Development Projects
- 2011-2012 **RMK MARINE INC** -İSTANBUL  
◆ Technical Adviser for the Military Ship Projects İSTANBUL
- 2009-2012 **OTOKAR INC** -İSTANBUL/ADAPAZARI  
◆ Technical Adviser for the Project of Turkish National Main Battle Tank (ALTAY Project)  
• Evaluation and Conceptual Design of Active Protection System of Turkish National Main Battle Tank  
• Design of "Threat Evaluation Unit" of the Turkish Main Battle Tank  
• Requirement Analysis of the Project
- 2006-2008 **MIKES INC. / "BAE SYSTEMS"** -ANKARA/NEW YORK  
◆ Promoted to **System Engineering Group Leader as a Design Lead System Engineer** (Ankara, Facilities - NEW YORK)  
• Participated in the Project of Modernization of F-16 Aircrafts until the preparation of System Test Procedures as System Engineering Group Leader in Ankara and New York Facilities,  
○ Analyzed all the radars in the threat list of F-16 Aircrafts  
○ Guided the Threat Data Package Analysis Process,  
○ Participated in the jamming techniques definition process for the threats of F-16 Aircrafts.  
○ Participated in the definition and analysis process of the system and software requirements,  
○ Prepared the Test Engineering Management Process Document for the Modernization of F-16 Aircrafts Radar Warning Receivers,  
• Produced Trainings for the Turkish Air Forces on Electronic Warfare Concepts,  
• Produced Trainings for all the Engineering Departments of Mikes Inc on Electronic Warfare Concepts,
- 2004-2006 ◆ Promoted to **Electronic Warfare Support Center Group Leader as a Senior System Engineer**  
• Guided the Threat Data Package Analysis Process for the Project of "Spews-2" (Modernization of F-16 Aircrafts Radar Warning Receivers.)  
• Guided the application process for some projects to get financial support from the Technology Development Foundation of Turkey (Three of these projects are accepted and financially supported by the Technology Development Foundation of Turkey)  
• Developed an Electronic Counter Measure Analysis Program,  
• Participated in the Development of a General Radar Simulator,  
• Guided the Threat Data Package Analysis Process for the Project of "Barış Kartalı"
- 2002-2004 ◆ Promoted to **Specialized System Engineer**

- Developed a Radar Analysis Program, which is also used in the Electronic Warfare Support Center of the Turkish Airforces,
- Participated in the Development of Mission Data File Generator for the APR-39 Radar Warning Receiver System, (This was a challenging project successfully completed by reverse engineering of 48K assembly code. During this reverse engineering, the algorithm of the APR-39 Radar Warning Receiver System, which is developed by a foreign company, was extracted.)
- Participated in the Development of the Project of "Barış Kartalı" until the Process of Critical Design Review and then gave the system support,

1998-2002

- ◆ Started as **System Engineer** (Ankara, Facilities - NEW YORK)
- Participated in MACE-X NATO Organization in France to observe and analyze the real time performance of some Radars against jamming techniques,
- Produced Trainings for the Turkish Land Forces on Electronic Warfare Concepts,
- Produced a Training for the Engineering Departments of Mikes on DOORS, which is a software tool utilized for the requirement management.

1997 - 1998

#### **Completed military service**

- Developed a software program for the training of gunners of a tank crew.
- Set up a computer network in the administrative building of the brigade.

1997 - 1998

#### **HIS OWN SOFTWARE COMPANY - ANKARA**

#### **KAREL INC RESEARCH AND DEVELOPMENT CENTER - ANKARA**

1997

#### ◆ **Software Engineer**

- Developed a charging program, which runs on PIC and 8054 microcontrollers, for a telephone switchboard

#### **ASELSAN INC RESEARCH AND DEVELOPMENT CENTER - ANKARA**

1997

#### ◆ **Software Engineer**

- Member of the team developing the Frequency Hopping Military Radio, a flexible and reliable voice/data communications system, that can be effectively used under severe electronic warfare threats, such as interception, listening, deception, and jamming.

## **EDUCATION:** -----

1991-1996 **BİLKENT University, Electrical and Electronics Engineering, BS**

1990-1991 **İnegöl Lisesi**

1987-1990 **Işıklar Askeri Lisesi**

## **TRAINING:** -----

- 2003 • Electronic Warfare Trainings of the Association of Old Crows (AOC) / SD
- 1999 • Object Oriented Requirements Analysis & Design with UML, BAE Systems Facilities / NY
- 1999 • C/C++ & System Programming, BAE Systems Facilities / NY
- 1999 • DOORS, BAE Systems Facilities / NY

## **SKILLS:** -----

- C++(No programming experience), ANSI C, Delphi, Interbase
- UML, DOORS
- Matlab Scientific Programming,
- MS Office Applications, MS Project & Visio,
- Windows 9x, 2000 & NT/XP OS's

## **ALL SUCCESSES:** -----

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- 1991 • 9<sup>th</sup> Degree in Turkey in the ÖSS,
- 1991 • 16<sup>th</sup> Degree in Turkey in the ÖYS,
- 1990 • 1<sup>nd</sup> Degree in 100 meter running in Marmara Region,
- 1990 • 2<sup>nd</sup> Degree in Long Jumping in Marmara Region,
- 1984 • 2<sup>nd</sup> Degree in Composition Writing in Bursa Region

## **OTHER:** -----

**Writing fiction, essays and plays with the nickname of Toprak Işık**

**Books:**

**Sırabaşı** (2002, İletişim Publishing, Short Stories)

**Halat Gösterisi** (2003, İletişim Publishing, Short Stories)

**Sıradana Övgü** (2006, Kül Sanat Publishing, Essays)

**Kız Ararken** (2006, İletişim Publishing, Short Stories)

**Azgın Tekeler** (2008, İletişim Publishing, Novel)

**Adından Belli Kuşlar Köyü** (2010, Tudem Publishin, Children's Novel)

**Büyüyen Çocuk** (2010, Tudem Publishin, Children's Short Stories)

**Çiftçi Karıncalar Köleci Karıncalara Karşı** (2011, Tudem Publishin, Children's Novel)

**Babam Okulun En Çalışkanı** (2011, Tudem Publishin, Children's Novel)

**Baba Beni Anlasana** (2012, Tudem Publishin, Children's Novel)

**Anne Beni Geri Getir** (2013, Tudem Publishin, Children's Novel)

**İşimle Başım Dertte** (2013, Deli Dolu Publishing, Essays)

**Nine Bizi Kurtarsana** (2013, Tudem Publishin, Children's Novel)

**Plays:**

**Köy Minibüsü** (2007, International Theatre Festival of Oyun Yaz)

**Aşk Yarası** (2008, In the Repertory of Turkish State Theatre)

**Sıradan Bir Ailenin Mahremiyeti** (2008, In the Repertory of Turkish State Theatre)

**References:** -----

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