



Rafet Ilgin

SOFTWARE ENGINEER

CONTACT

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- <https://rafetilgin.github.io/>

PROFESSIONAL SKILLS

C#	●●●●●●●●
C/C++	●●●●●●●●
.NET WinForms	●●●●●●●●
.NET WPF	●●●●●●●●
LabWindows CVI	●●●●●●●●
UX/UI Design	●●●●●●●●
HTML	●●●●●●●●
CSS	●●●●●●●●
JavaScript	●●●●●●●●
.NET WCF	●●●●●●●●
.NET Core REST	●●●●●●●●
Docker	●●●●●●●●
Kubernetes	●●●●●●●●
TFVC	●●●●●●●●
Git	●●●●●●●●
Azure DevOps CI/CD	●●●●●●●●

Certificates:

[iSAQB CPSAFL Software Architecture](#)
[OPST Professional Security Tester](#)

PERSONAL SKILLS

Social Commitment	●●●●●●●●
Creativity	●●●●●●●●
Organization	●●●●●●●●
Communication	●●●●●●●●
Team Player	●●●●●●●●

LANGUAGE

English	●●●●●●●●
German	●●●●●●●●
Turkish	●●●●●●●●

PROFILE

Senior software engineer with 15 years of experience in problem solving, hardware and data analysis. Collaborating with system design, QA and production engineers for developing high quality, user-friendly and sustainable software.

EXPERIENCE

MEDICAL APPLICATIONS SOFTWARE ENGINEER

VARIAN MEDICAL SYSTEMS | DEC. 2019 -

- Proton therapy imaging user applications development (new features and architectural improvements)
- Installation and maintenance of test environments both hardware and software
- Integration and unit testing
- Automated test infrastructure development
- Requirement review, authoring
- Test case review, authoring and formal test execution

SENIOR TEST SYSTEMS DESIGN & DEVELOPMENT ENGINEER

ASELSAN INC. | JULY 2010 - DEC. 2019

- Test System Design Both Hardware and Automated Test Software (C/C++ and C#)
- Test Systems Design for various Avionic LRU's
- UX/UI Design for Test Software GUI
- Implementation of Communication Protocols: RS232/422/485, MIL-STD-1553, ARINC429, CAN, GPIB, ETHERNET
- Embedded Programming
- Arduino Shield Design (PCB)

IT SECURITY ENGINEER / SYSTEM ADMIN.

ASELSAN INC. | SEPT. 2007 - JULY 2010

- IT System Administrator for Network Security
- Management of Firewalls, Anti-virus Infrastructure, Wireless Network, Network Switches and SMTP Servers
- Preparation Online Education for End Users

EDUCATION

M.Sc. ELECTRONIC and COMMUNICATION ENGINEERING (CGPA: 3.64 / 4.00)

CANKAYA UNIVERSITY, ANKARA | 2008 - 2011

Thesis Subject: Development of a Combined Air Data and Angle of Attack/Stall Warning Computer

B.Sc. ELECTRICAL and ELECTRONICS ENGINEERING

MIDDLE EAST TECHNICAL UNIVERSITY, ANKARA | 2003 - 2007