



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	●●●●●●●●

PROFILE

Highly motivated, results-driven and reliable software engineer with 15 years of experience. Experienced in problem solving, working under pressure with critical deadlines. Collaborating with system design, QA and production engineers for developing high quality, user-friendly and bug-free software.

EXPERIENCE

MEDICAL APPLICATIONS SOFTWARE ENGINEER

VARIAN MEDICAL SYSTEMS | DEC. 2019 -

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

SENIOR TEST SYSTEMS DESIGN & DEVELOPMENT ENGINEER

ASELSAN INC. | JULY 2010 - DEC. 2019

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

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 (CGPA: 2.81 / 4.00)

MIDDLE EAST TECHNICAL UNIVERSITY, ANKARA | 2003 - 2007