



Ömer Savaş

Date of birth: 30/08/1988

Nationality: Turkish

Gender: Male

CONTACT

Hacı Azizler Mh. Hacı Azizler yolu Cd., Manzara Koru evleri No:29 C blok Daire 1 43000 Kütahya, Türkiye
(Home)

iletisim@omersavas.com

(+90) 5543775443

<https://www.omersavas.com/>

<https://twitter.com/omersavas26>

<https://www.linkedin.com/in/omersavas26/>

<https://www.youtube.com/@omersavas26>

<https://medium.com/@omersavas26> **(Medium)**

+905543775443 **(Whatsapp)**

live:omer.savas_1 **(Skype)**

ABOUT ME

For nearly 15+ years, I have worked at a professional level in almost every layer of an IT product, from full-stack software development to create to data center and maintains. My special interest are GIS, IOT and open source.

EDUCATION AND TRAINING

01/01/2012 - 01/01/2015

Electrical and Electronics Engineering (Master) Dumlupınar University

01/09/2007 - 01/06/2011

Computer Engineering Dumlupınar University

01/09/2005 - 01/06/2007 Türkiye

Computer Technology and Programming Anadolu University

01/01/2003 - 01/01/2007

Web Design Via video courses as a hobby

WORK EXPERIENCE

26/12/2022 - CURRENT Kütahya, Türkiye

Solution and DevOps Management Procenne Digital Security

- Software architecture
- DevOps team leadership
- Solution architecture and Solution team leadership

01/08/2011 - 01/01/2023 Kütahya, Türkiye

Computer Engineer Kütahya Special Manegament (Government)

Software development, System administrating, Embded system development

01/01/2010 - 01/01/2011 Kütahya, Eskişehir, Türkiye

Freelance Developer Agencies in Kütahya and Eskişehir

Developing free time web and desktop applications for agencies and companies in Kütahya and Eskişehir

01/01/2008 - 01/01/2010 Eskişehir, Türkiye

Remote Webmaster Progela IT Services

Developing web applications and corporate websites.

LANGUAGE SKILLS

MOTHER TONGUE(S): Türkçe

Other language(s):

English

Listening
B1

Reading
B1

Spoken production **Spoken interaction**
B1 B1

Writing
B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

GENERAL

OOP / Clean Code / SOLID-YAGNI-KISS / Design Patterns / CBS / Geoserver / Photoshop

ARCHITECT

Memcache / Redis / Varnish / Mqqt / Rabbit MQ | Microservice / MVC-HMVC / MWM / CI-CD / Traefik / ELK Stack | Testing

FRONTEND

v8 Engine / Typescript / Angular / OpenLayers / Jquery / Saas

BACKEND

Rest / SOAP / API / Durumsuz Mimari / E-sing / ORM / Php | Async Php / Swoole / Laravel / Codeigniter / C# / .Net Core / Linq / Entity Fw

DATABASE

ORM / Mysql / Postgresql / PostGIS / Replikasyon / Normalization-Denormalization

SYSTEM - CYBER SECURITY

Netcat / Fiddler / Tcpdump / Http-Https | OSI Layers / DNS / VLAN / DHCP / Wireshark / Burp Suite / Nmap | Fortigate / Proxmox / Ceph / Raid / VMware / Esxi / FreeNAS / Docker / Kubernetes / strace | HSM | Cryptology

ARTIFICIAL INTELLIGENCE

Python / Tensorflow / Autoencoder / GANs / NLP / Object Detection

MOBILE

Flutter | Ionic

EMBEDDED SYSTEMS / IOT

Raspberry Pi / Orange Pi / Arduino / Atmega / NodeMCU / 16F877A / I2C / Serial bus / SPI

ADDITIONAL INFORMATION

Creative works

01/01/2023 – CURRENT

Cloud HSM I am working as a software architect for a Cloud Agnostic multi-tenant HSM service product for Procenne Digital Security.

01/01/2017 – CURRENT

Angaryos (No-Code GIS/ERP) It is an open source **No-Code ERP** platform that I have developed to free software developers from the drudgery of software. It has seen several major **version** changes over time and continues to evolve. Since it contains important solutions such as **Web Application, GIS, E-signature, API, Mobile** application, it enables even the most complex projects to be developed at high speed. I developed this whole project myself for a long time; Now, with the formation of the community, I work part-time as a **system architect and developer**.

(MicroAPI, Docker, Traefik, Php, Laravel, Angular, Java, Postgresql, PostGIS, Memcache, GeoServer, Varnish, ELK Stack)

Links <https://github.com/mikroGovernment/angaryos> | <https://medium.com/software-development-turkey/angaryos-tanitim-63b1815d6bf>

01/01/2019 – CURRENT

Artificial Intelligence Model Development I developed deep learning models to solve problems such as satellite photo segmentation, staff tracking device image problem detection, signage recognition for GIS, and put them into service in a scalable way.

(Python, Tensorflow, Docker, API, Colab, GCP TPU)

Links <https://medium.com/huawei-developers-tr/derin-ogrenme-ile-uydu-fotograf-segmentasyonu-9b266a9a2a1a> | <https://medium.com/software-development-turkey/derin-ogrenme-hakinda-neredeyse-her-sey-1-91bb8ddfde0>

01/09/2011 – 01/01/2023

Government Informatin System (Management and decision support system) The central knowledge system that I have developed for Kütahya Special Provincial Administration. It contains all the solutions that the institution needs and provides a data source working as API for external softwares. It contains a lot of different kind of modules from official works carried out with e-signature to Geographical information system or working hours tracking system. As basis, it is a central and a multi-channelled application that contains/provides all the software that the institution needs, from showing the remaining toner amount of the printers to the amount of fuel consumed by the vehicles, from the preparation of the required payroll data for the salary of the employees to the tracking of the villages whose garbage collection is delayed. Currently, it serves directly or indirectly 40+ institutions.

Since 2011, I have worked as an **analyst, architect and developer** in this project, which is the entire digital transformation of the institution. I am currently working as a **team leader and developer**.

(MicroAPI, Docker, Traefik, Php, Laravel, Angular, C#, Java, Python, Tensorflow, Selenium, Postgresql, PostGIS, Memcache, GeoServer, Varnish, ELK Stack, Raspberry PI, Atmega)

Links <https://medium.com/software-development-turkey/analogdan-dijitale-bba16f7520c9> | <https://omersavas.com/sunum/>

01/01/2018 – 01/01/2023

Staff Time Tracker Device Time tracking device that I developed for Kütahya Special Provincial Administration and published as **open source**. The software, design and production are entirely mine. Currently, **100+** units have been produced and the time tracking processes of all public institutions in Kütahya are carried out through these devices.

(Raspberry PI, Arduino, API, RC522, Python, Micro C, Circuit design, 3D design and printing)

Link <https://github.com/omersavas26/MesaiTakipCihazı>

01/01/2016 – 01/01/2018

On Premise Micro Data Center I have installed and continue to manage a micro data center with completely **open source** software for public institutions in Kütahya and the surrounding provinces. Currently, 40+ institutions receive service directly or indirectly.

(Fortigate, Proxmox, VMware, Linux, Windows, FreeNas, Ceph, Raid, Docker, Kubernetes, DHCP, VLAN, DNS)

Link <https://omersavas.com/sunum>

01/01/2019 – 01/01/2020

VM Backup/Migrate Software Within the scope of a KOSGEB project for a company, I developed a scalable software for the migration of virtual machines in the Proxmox and VMware virtualization environment, offline backup and recovery as a new machine from backup.

(Proxmox, Proxmox API, VMware, vCenter, Esxi, Ssh, Python)

01/01/2019 – 01/06/2019

SmartBox for Professional Cameras. It is the whole of hardware and software that I have developed in order to view the photos in offline digital cameras live from within the mobile application and to manage them remotely. Unfortunately, I could not put this prototype into production.

(Orange PI, Python, Wifi, API, Devre tasarımı, Ionic)

Link <https://medium.com/@omersavas26/akilli-kamera-aporati-fb270618c354>

Skills

Job-related skills

1. Developing algorithms and project planning
2. Software and hardware based fast solutions
3. Software architecture and Cloud agnostic designs
4. AI - Deep learning / Image Processing / NLP
5. Following new technologies

6. Embedded systems and microprocessor architecture
7. Network and System Administrating

Other Skills

1. Quantum programing
2. Elektronik circuit design
3. Graphic design

Management and leadership skills

- **Solution team leadership** I am managing field teams and customer issues at Procenne Digital Security.
- **Software team leadership** I worked as a developer and team leader in the software development department in Kütahya Special Provincial Administration between 2019-2023.
- **DevOps team leadership** I was a leader and mentor in the system and network team at Kütahya Special Provincial Administration between 2019-2023.

Honours and awards

- **01/06/2022** Huawei - Btk Academy
- **3rd place in Deep Learning Coding Marathone** In the 2022 coding marathon organized by Huawei and BTK Academy, I was awarded the Huawei Mate Book award by solving an image segmentation problem in the field of Artificial Intelligence with a hybrid model.

Conferences and seminars

- **Quantum Computing & Programing**
- **CEH (Certified Ethical Hacker)**
- **Coursera Deep Learning Serisi (5 Course)**
- **Microsoft Certified Solutions Expert**
- **ISO27001**
- **Various GIS certificates issued by Başarsoft, Netcad and Esri**

Hobbies and interests

- **Playing the Clarinet** I have been playing the clarinet as a hobby since high school.
- **Quantum physics and Space** I enjoy following publications in this field.
- **Computer Games** I haven't been playing games for a long time, but I passed the helicopter mission in GTA Vice City in one go in 2003 :)

Driving Licence

- **Driving Licence: A2**
- **Driving Licence: B**