



Mehmet SARIOĞLU

Computer Engineer

+90 555 6144537

sarioglumeh@gmail.com

Istanbul - Turkey

sarioglumeh

Hi!

Hi! This is Mehmet SARIOĞLU. I am a computer engineer experienced for 5 years. My expertise includes front-end web applications, software development for embedded devices, etc. I feel a great ambition to extend and use my knowledge and abilities to spot and solve problems.

Skills

JavaScript

C / C++

TypeScript

React

Angular

C# .NET

SQL

PostGIS

OpenCV

Embedded Linux

Internet of Things

Artificial Intelligence

CCNA

Embedded Systems

Robotics

ROS

Machine Learning

Parallel Programming

Agile / Scrum

Agile / Kanban

Software Architecture

Design Patterns

Experience

Senior Software Engineer

Commencis/Monitise MEA

June 2017 - Still

As a senior member of web front-end team, I am in charge of building modern web applications to meet customer demands. The projects are mostly based on **React**, **Angular**, **React Native** and **Nativescript**. We are practicing agile methodologies with a multi-location team.

Software Engineer

Digiturk

Sep. 2013 - June 2017

As a member of set-top box development team, my responsibility is development and maintenance of Digiturk's high-end satellite receivers. I have participated two main projects developed by **HTML5/JavaScript** and **ActionScript** alongside with several side projects. Unlike ordinary UI development, my work requires to consider strict requirements of an embedded device. We are following **Scrum** and **Kanban** methodologies with a multi-location team.

Part-Time Student Assistant

National Center for HPC

February - August 2012

During my education, I had the opportunity of working at Turkey's largest super-computer facility. My responsibility here was re-designing an old web-based geographic information project from scratch. I have used **PHP**, **PostgreSQL** and **PostGIS**. In addition, I had **Linux**, **OpenMP**, **MPI**, **High Performance Computing** trainings.

Education

Computer Engineering, MSc.

Istanbul Technical University

2014 - Still

Currently, I am working on my master thesis which is about routing in **Internet of Things** networks.

Computer Engineering, BSc.

Istanbul Technical University

2009 - 2013

I had started my undergraduate education by getting proficiency of English without having preparatory program. My graduation project was about building a cognitive mobile robot which is able to recognize and transport some objects in the environment. It was a research project supported by TÜBİTAK. After 4 years, I had my graduation with 2.95/4.00 GPA

High School - Science

Karşıyaka Anatolian High School

2005 - 2009

Projects

Pegasus Airlines Flight Booking Application

 Commencis/Monitise MEA

 2017 - 2018

Digiturk Plus 4K Hybrid STB

 Digiturk

 2015 - 2017

Digiturk Plus 4K is Digiturk's brand new premium set-top-box with 4K support as well as network connection and PVR capabilities. I am continuing development and maintenance of user interface by using **HTML / JavaScript / CSS**.

Digiturk Plus IQ Hybrid STB

 Digiturk

 2013 - 2015

Digiturk Plus IQ is Digiturk's premium set-top-box with network connection and PVR capabilities. I was in charge of user interface development of the box. It was developed by **ActionScript 3.0** over Adobe AIR for TV platform.

Back-end Integration of VOD App

 Digiturk

 2013 - Still

This project aims to develop and maintain back-end services of "Dilediğin Zaman" video-on-demand application in Digiturk's high-end connected set-top-boxes. It is developed with **C# .NET** and running on Amazon Web Services.

Modelling Behaviors for Cognitive Robots to Interact with Objects

 İstanbul Technical University

 2012 - 2013

This is my graduation project. Within the project scope, Pioneer 3DX robot is equipped with locationing, mapping, image processing, obstacle avoidance and path planning to grab and carry objects. It is developed with **C++** by using **ROS** and **OpenCV**.

Languages



Interests

