



# Mustafa Çetinkaya, MSc

 [mucet90@gmail.com](mailto:mucet90@gmail.com)

 [linkedin.com/in/mucet](https://www.linkedin.com/in/mucet)

 [mucet.github.io](https://github.com/mucet)

## Summary

 Presently Crafting the Future at Sofotech 


Greetings!


I'm a senior software engineer with over 7 years of experience. Currently, I am contributing my expertise at Sofotech, a leading FinTech company, where I play a key role in the Next Generation Transformation Team of Digital Channels.

### Key Competencies

 Tech Expertise: Proficient in .Net Core, .Net Web API, WPF, xUnit, and SQL

 DevOps Expertise: Skilled in Docker, Kubernetes, OpenShift, and XL Release

 Architecture Mastery: Implementing Clean Architecture, DDD, and n-Tier Architecture


 Agile: Utilizing Agile Methodologies with Jira


### Education & Certifications

 Master's degree in Computer Science, Istanbul University

 Bachelor's degree in Computer Engineering, Istanbul University

 Thesis: Malware Detection With Memory Analysis on Windows System Processes

 iTEP Business-Plus English, Level B2 (Upper Intermediate)

 Microsoft Certified: Azure Fundamentals

 Docker and Kubernetes

### Continuous Learner

I am committed to staying at the forefront of technology.

- Business English
- Domain-Driven Design (DDD)
- Microservice
- Microsoft Azure
- API Development
- .NET Core
- Unit Testing
- SQL
- DevOps
- Kubernetes
- OpenShift

# Experience

## Senior Software Engineer



### Softtech

Jan 2023 - Present (1 year 1 month)

I worked as a senior software engineer in the Next Generation Transformation Team of Digital Channels. The team was also responsible for the most consumed channel's backend service which is the mobile channel and it has more than 200 million transactions per day. ([www.isbank.com.tr/en/iscep](http://www.isbank.com.tr/en/iscep))  
Development

I added new features to Türkiye İş Bankası İşCep mobile banking application. Some of these features were; MyLife project (İşCep Hayatım) has many features such as customers can add their family members, pets, houses, bills, cars, and many other things, so they can pay their taxes, bills, etc. automatically. Car valuation project has the ability to calculate customers's car condition and price assumptions.

I was a main developer in the Service Banking milestone project for Softtech and İş Bank. The project contains many core banking APIs that are deployed under one package for other companies to create new customers, and give them products (credit cards, loans, etc.) through their channels or apps.

I created new backend services with Rest and SOAP architectures and consumed them securely and quickly. Some of these services were in .Net Core or Java Spring, and I deployed them with Kubernetes Pods, maintained, and monitored their performance.

I improved existing legacy infrastructure in a big monolith application, and provided sustainability, robustness, and performance.

I shared new experiences with the team per week in technical meetings and discussed them to make the best practice for the team.

DevOps

I used those tools to deploy applications: Docker, Openshift, XL Release.

Persistent Data

I worked with Oracle and MS SQL databases.

Customer Support

I had critical sessions with the customer support team one day a week to solve their problems.

## Senior Software Engineer



### İstanbul University-Cerrahpaşa

Aug 2022 - Dec 2022 (5 months)

I was part of a team of about 20 analysts and software engineers. We applied Agile and Scrum business management approaches. Each month, I was assigned tasks in a different project. I published my codes using Dev-Ops tools using Agile principles.

Development

I have used Mediator and CQRS design patterns in some projects.

I've consumed SOAP and Rest services; During these processes, I performed serialization/deserialization operations on XML and JSON file structures and used the Automapper tool.

I automated some processes with Quartz Scheduler.

I made the following improvements in the Architectural project used as a template: I upgraded the project libraries from .Net Standard 2.0 and .Net Core 3.1 to .Net 6, added unit tests with xUnit.

Persistent Data

I worked in MsSql and Oracle databases. I improved code-first and DB-first approaches with EntityFramework and Dapper ORM tools.

## Research And Development Manager



Adli Tıp Kurumu (Council of Forensic Medicine)

Apr 2019 - Jul 2022 (3 years 4 months)

Laboratory Management System

The application was created with Claris Filemaker and is run on the server side. The process of entry, management, and reporting of the information regarding the evidence in the cases is carried out on this system. Experts are classified according to their powers.

Console Apps

Console applications have been developed to automate some analyzes by communicating with different servers via Curl.

Desktop Apps

Desktop applications have been developed that allow some analysis to be automated. Application distribution was done with ClickOnce.

Web Apps

Web applications have been developed using ASP.Net Core technology, which automates some analysis.

Windows Services

Windows Service applications have been developed that enable virtual machines to perform the tasks assigned to them in a sequential manner.

## Mobile Forensic Examiner



Adli Tıp Kurumu (Council of Forensic Medicine)

Apr 2017 - Apr 2019 (2 years 1 month)

Mobile devices belonging to terrorist crimes cases and other pieces of evidence (memory card, sim card, etc.) obtained from these devices were examined.

The tools used: Access Data FTK Imager, Cellebrite UFED 4PC, Cellebrite UFED PA, MSAB XRY, Oxygen Forensic, Forensic Explorer, X-Ways Forensics, Magnet Axiom, Passware Kit Forensic.

## Software Developer



Maxinn Kurumsal Hizmetler

Sep 2012 - Sep 2014 (2 years 1 month)

It is a project that allows users to purchase services/products on the website, earn points with purchases made, and use the earned points for their next shopping. In the project, RFID cards were given to the users and user identification was carried out on these cards.

Web App

An e-commerce web application was developed using ASP.Net MVC technology, which enables users to purchase products through the website. The app also has an admin panel.

Technologies used: ASP.Net MVC, JQuery, MSSQL, TFS.

Desktop App

A desktop application has been developed that enables the realization of sales transactions in workplaces. The distribution of the application was carried out with ClickOnce.

Technologies used: WPF, MSSQL, TFS.

## Education



### Istanbul University

Master's degree, Computer Science

2019 - 2021

Thesis topic: Malware Detection With Memory Analysis on Windows System Processes



### Istanbul University

Bachelor's degree, Computer Engineering

2014 - 2016



### Suleyman Demirel University

Bachelor's degree, Computer Teacher Education

2008 - 2013

## Licenses & Certifications



SDU Foreign Language Certificate - Suleyman Demirel University



Advanced Web APIs with ASP.NET Core in .NET 6 - LinkedIn



Software Architecture: Domain-Driven Design - LinkedIn



C# Test-Driven Development - LinkedIn



OWASP Top 10: #7 XSS and #8 Insecure Deserialization - LinkedIn



Secure Software Development - Softtech



iTEP Business-Plus, Level B2 (Upper Intermediate) - iTEP International  
1230B514BP



Kubernetes for Developers: Core Concepts - Pluralsight

[app.pluralsight.com/achievements/share/a38abd59-96e1-4ab4-b06f-52b5049c0452](https://app.pluralsight.com/achievements/share/a38abd59-96e1-4ab4-b06f-52b5049c0452)



Kubernetes for Developers: Deploying Your Code - Pluralsight

[app.pluralsight.com/achievements/share/018ae6dc-2705-4da6-88e5-e7c34bd8be3c](https://app.pluralsight.com/achievements/share/018ae6dc-2705-4da6-88e5-e7c34bd8be3c)



Fundamentals of Docker and Kubernetes for .NET 5 Developers - Pluralsight

[app.pluralsight.com/achievements/share/bb4fc23b-8092-4d0b-bc3d-94b4e3db73ba](https://app.pluralsight.com/achievements/share/bb4fc23b-8092-4d0b-bc3d-94b4e3db73ba)



Microsoft Certified: Azure Fundamentals - Microsoft

[learn.microsoft.com/api/credentials/share/en-us/mucet/4E2E8E828DD650DD](https://learn.microsoft.com/api/credentials/share/en-us/mucet/4E2E8E828DD650DD)