

Galjoen 14 27, 8243MC
Lelystad/Netherlands
Mobile: +31 (6) 51 84 78 95
fuatrihtim@gmail.com
<https://fuatrihtim.github.io>

MEHMET RIHTIM

Education

- 2015 – 2018 Beykent University
Computer Engineering Master Degree
Courses Included: Computer Vision, Research Methods, Calculation Theory, Object Oriented Programming, Mobile Application Design and Development, Network and Data Security, Machine Learning, Pattern Recognition
Thesis: Machine Learning Based Search Engine
- 2008 – 2014 Doğuş University
Computer Engineering (with %100 scholarship, English, GPA: 2.68)
Courses Included: Object Oriented Programming, Software Engineering, Java Applications, Operating Systems, Database, Microprocessors, Circuit Design
- 2012 – 2013 Lublin University of Technology (Politechnika Lubelska)
Studied as an Erasmus student for a year

Experience

- 2023 SITA (01.08.2023 – ...)
Lead Software Developer / Software Development Manager
- I am responsible for the development of Self Bag Drop devices. Self Bag Drop Devices have three parts. Airline integrations, passenger application and hardware communication layers. I have been mainly responsible for hardware communications regarding the business needs. After being promoted to the Software Development Manager role, I have become responsible for all the parts. All the parts are developed with mostly Microsoft Technologies. Beckhoff devices are used for the PLC part and I am programming with TwinCat. I also have scrum master and delivery lead roles too.
- 2023 Expereo (01.01.2023 – 31.07.2023)
Senior Software Developer
- I was responsible for implementing new features for expereo.One. It was a portal that contains information about the services Expereo provides to its clients. Also, I was leading in improving the technical quality of the project in different ways. Hence, encouraging the developers to increase the test coverage ratios, follow the best practices and clean code rules, reach out to the necessary rates in static code analysis tools, reduce the complexity, and so on.
- I use .NET 6, GraphQL, xUnit, MongoDB, Elasticsearch, Docker, Sonarqube, AWS, and GitLab. There are integrations with various systems such as Salesforce, Solarwinds etc.

2022 CarNext (01.02.2022 – 31.12.2022)
Senior Software Developer

I was responsible for implementing new features for order fulfillment. Clients were able to track and trace the existing order and the status of the order. Also, clients could manage the home delivery and pickup from CarNext centers. I used .NET 5 and .NET 6, PostgreSQL, AWS, Kafka, Docker, Kubernetes, GitLab, Grafana, SonarQube and XUnit.

2021 – 2022 Lely (29.03.2021 – 14.01.2022)
Chapter Lead - Senior Software Developer

I was responsible for maintaining and improving the 3rd party project. The project was to provide data communication between farmers and data hubs. Farmers were able to get effective solutions for feeding, reproduction, milking, and health by sharing their data with other companies. I used .NET Core, .NET 5, .NET Framework, Microsoft SQL Server, Azure Cloud (Blobs, Key-Vault, Functions, VM, AppServices, and so on.), and Azure DevOps, Redis, RabbitMQ, MongoDB, SonarQube, Targetprocess, GitLab.

I was responsible for developing a payment project. The project included subscription management for farming applications' of Lely, hence farmers were able to pay their subscriptions using that project. I used .NET Core, Azure Cloud, Azure DevOps, ServiceBus, SonarQube, and so on.

I was one of the advisors of Agile coaches, responsible for improving the skillsets in backend development, planning to increase the quality of existing projects, and so on.

2020 – 2021 Inveon (04.05.2020 – 28.03.2021)
Lead Software Developer

I was responsible for the wholesaler e-commerce project for one of the biggest dealers in Turkey. The project had different flows rather than classic e-commerce websites. I developed the project with .NET Framework 4.5, Microsoft SQL Server, Elasticsearch, Redis, and so on. Service-oriented architecture had been applied to the project. I worked as a full stack lead developer in the project. My second responsibility was to lead the backend developers of the mobile team for the wholesaler e-commerce project. I used the same technologies on the backend side.

I am a developer in a backend team that was working on a new generic e-commerce product that was built with microservice architecture. I am developing the project using .Net Core, Elasticsearch, Redis, Rabbit MQ, MySQL, and Jenkins. I prepared the technical debt of the project and I was one of the technical advisors for the future of the project. Especially, I cared to use design patterns and software standards in the project.

2019 – 2020 GKFX (04.09.2019 – 30.04.2020)
Senior Software Developer

I was responsible for developing the new infrastructure for the company. We prepared lots of services to apply the microservices approach using the .NET Core 3.0. I was using PostgreSQL as a database and Redis for the cache. Also, I was one of the advisors in creating the new architecture.

I joined a new team to develop trade and price calculation services. These services were important parts of the core architecture. I used MetaTrader4 and MetaTrader5 while I was developing the new trading platform.

I developed a new payment project which includes more than one hundred payment providers from all over the world. This project served more than 10 countries. We were two developers in this project. We completed the project in three months. We used .NET Core 2.2, and PostgreSQL and I used Sentry to monitor logs of the system.

2017 – 2019 Innova (04.12.2017 – 01.09.2019)
Application Development Specialist

I was responsible for a loyalty project which was served to a bank in Lebanon. The project includes web portals and integrations with POS software. A person in Lebanon was able to use the loyalty platform if they had a loyalty card that was given from a bank. I was the only developer who was working on this project.

My second responsibility was to supply another loyalty project which was served to a telecom company in Saudi Arabia. The logic was a little bit different from the above project but their bases were nearly the same so I was familiar with it.

These two projects were built with .NET Technologies such as ASP.NET MVC, WCF, and MS SQL. We are developing these projects with C#, ADO.NET, and NHibernate. Service Oriented Architecture approach is applied to these two projects. I also used Javascript, jQuery, Ajax, HTML, and XML for the projects.

I was part of a new project which was preparing a generic product in Innova. This project was also a loyalty project which was developed with new technologies. Microservice approach as applied to this new product. WCF had been used as a service for the project we started to change it with WebAPI after we completed our framework which was written with .NET Core. Our relational database was MS SQL and also we used NoSQL databases like MongoDB and Elasticsearch for logging. Also, we used Redis Cache for our APIs. RabbitMQ is the queue system for our messages while developing these services.

2017 Tekzen (01.02.2017 – 02.12.2017)
Software Developer – Team Leader

I developed a module for managing defective products and rebates. A customer could start the process of changing or rebating with this module. Customer service, warehouses, finance service, suppliers, and stores could follow and manage the process of customers' requests. This development is done with MVC to the admin part of the project. Javascript, jQuery, Ajax, and HTML were used for the front-end side.

I completed the integration of Masterpass. This integration was offered to customers in order to keep their credit card information on the base provided by Mastercard. In this way, customers could complete their shopping processes. The integration had two parts. The first part was communication between Masterpass and Tekzen which was developed with jQuery and Javascript. The second part was for approval between Masterpass and Tekzen in the backend which is written in MVC with C#.

I worked on database and server optimization for MS SQL Server. In order to make the existing project more effective and faster, I have done some tasks.

In addition to this, I was the bridge between the network crew and the outsourcing company which has developed the base of our e-commerce website. I picked requests from other teams in the company and I turned into them a plan for the software team. I and my team developed these all small modules according to requirements.

I started my work as a Software Developer but after leaving some colleagues from Tekzen, I was work as a Team Leader for 5 months.

2014 – 2016 Biggplus (16.06.2014 – 23.12.2016)
Software Developer

I developed websites for loyalty services which were rewards portals. I prepared websites for the B2B-B2C E-Commerce part for Sanalmagaza Inc. Sanalmagaza Inc was the company of Biggplus Group Companies. Also, I developed websites for promotion portals. I provided all projects with the programming language of MVC and ASP. These systems were communicated with the related customers' companies. In addition to this, I developed the company's ERP programs (using Visual Basic) as well.

All reward portals had owned their reward point collection modules and these projects were connected to the shopping side but they were separate projects. Some of these modules are connected with relevant companies or third-party companies.

Additionally, I supported the development of our product management system web application while the development period.

I made some small applications like Sms Services, some reporting modules (these projects were inline projects, so I can not write their URLs), and some agreement services for finance departments. I used ASP.NET Webform, MVC, MS SQL, Javascript, HTML, jQuery, Ajax, MongoDB, Azure, Webservice, WebAPI, Windows Service, Entity Framework, and XML in my projects. I was also experienced in IIS features. Telerik was used for the reporting modules.

Projects

P.S. You can find the explanations about what I have done in projects after the url of website. If there is no explanation, I only made bugfixes or small changes but I was definitely part of it.

E-Commerce Projects In Biggplus

- Shop&Miles (www.shopandmiles.com) – Mobile UI, Reporting Project, Point Service
- Mezat Beyoğlu (www.mezatbeyoglu.com) – Marketplace Project
- Biggshop (www.biggshop.com) – E-Commerce Website
- Fiyatonda / On-Net (www.fiyatonda.com – www.on-netb2b.com)
- Biggshop Franchise (dijital.biggshop.com) – Multistore E-Franchise Project
- Sanal mağaza (www.sanalmagaza.com)
- Mercedes (mercedes.sanalmagaza.com)
- Askaynak (askaynakmagaza.com)
- Turkcell (turkcellpromosyon.com)

Reward Portals Projects In Biggplus

- Adel (www.adelkulup.com.tr) – Point Service, Loyalty Website, Integration With Univera
- Vdf (vdf.sanalmagaza.com) – Loyalty Website
- Koç Fiat(kfk.sanalmagaza.com) – Loyalty Website
- GFK (www.gfkpuan.com) – Loyalty Website
- Goodyear (www.goodyearclub.com.tr)
- Nur Kireç (nur.sanalmagaza.com) – Loyalty Website
- Knauf (www.knaufclub.com.tr) – CMS, Loyalty Website, Point Service
- Axa (axa.sanalmagaza.com) - Point Service, Loyalty Website, Integration With Axa
- Unilever (www.turuncukazan.com) – CMS, Loyalty Website
- Bosch (www.tr.bosch-extra.com) – CMS, Loyalty Website
- Ipsos (ipsos.sanalmagaza.com) – Reporting Module, Loyalty Website, Integration With Ipsos
- P&G (altinnoktalar.sanalmagaza.com)
- Legrand (legrandyaninizda.com.tr) – CMS, Point Service, Loyalty Website
- Polisan (hediye.policlubextra.com)
- Ergo (ergopuan.sanalmagaza.com – ergokampanya.sanalmagaza.com)
- Loreal (loreal.sanalmagaza.com)
- Marshall (www.marshallhediye.com – clubcard.sanalmagaza.com) – Loyalty Website
- Opar (opar.sanalmagaza.com)
- Btm (btm.sanalmagaza.com)
- Taç Linens (linens.sanalmagaza.com)
- Mapfre (mapfresatkazan.sanalmagaza.com – mapfre.sanalmagaza.com)
- Scneider (fazpuan.schneider-electric.com)
- Avon, Coca Cola etc...

Other Projects in Biggplus

- Sms Sender
- Product Management System – Improvement
- Payment Plugin – Garanti, EST Banks

Projects In Tekzen

- E-Commerce Website (www.tekzen.com.tr)

Projects in Innova

- Bankmed Loyalty (www.bankmedloyalty.com)
- STC Loyalty
- Generic Loyalty Platform

Projects in GKFX

- Payment Module
- Trading Platform

Projects in Inveon

- Bizim Toptan Wholesale Dealer E-Commerce Website
- Bizim Toptan Wholesale Dealer E-Commerce Mobile Services
- Inveon Phantom E-Commerce Platform

Projects in Lely

- T4C
- Horizon
- Business Integration (For 3rd Parties)

Projects in CarNext

- Order Fulfillment
- Checkout

Projects in Expereo

- Amplify
- Expereo.one

Projects in Expereo

- Drop&Fly
- Scan&Fly
- ScanArch v2
- ScanArch v3

Freelance Projects

-Prostok Reporting Module: Ozyilmaz Elektrik used a program that named Prostok and its database was Firebird. I developed the reports as Windows Desktop Application with data in this database the direction of given formats. I developed the project with .NET Framework 4.8.

-Corporate Websites: I developed lots of corporate websites which was developed with HTML, CSS, Javascript and jQuery.

-Marketplace Project: I prepared a project which was integrated to all marketplaces in Turkey. There were some e-commerce websites like Amazon, Aliexpress in there and I prepared a portal for users to manage of their products, orders, shipments. I developed services to integrate some ERP softwares to manage their products, orders, shipments as well. I used .NET Core 2.2, PostgreSQL for this project.

-Vaccine Project: This project has been started yet. I have some plans about the project but I am at research phase. After starting the COVID-19, I felt responsible to make beneficial project in order to serve to all of the world. This is my dream project so I am trying to build teams like developers, chemists, biologists etc.

Certificates

2018	MongoDB Basics
2018	MongoDB for .NET Developers
2018	Enterprise Design Patterns & Architectures

Seminars

2012	ESET, Internet Security and Mobile Security Seminar, Dogus University
2012	Cyber Crimes Seminar, Dogus University
2012	Microsoft Windows Phone Programming Seminar, Dogus University
2012	Android Application Programming Seminar, Dogus University
2012	Mobile Application Development Seminar, Dogus University
2015	Microsoft Azure Development Camp
2015	NopCommerce Developer Days
2016	NopCommerce Developer Days
2018	Microservices Workshop (2 days education)
2018	Multitenant Application Development
2018	Enterprise Design Patterns & Architectures
2019	Advanced MS SQL Development

Languages

- English – Advanced (Advanced in reading and writing, upper intermediate speaking)
- Deutsch – Beginner
- Polish – Beginner

Computer Knowledge

Backend	C#, ASP.NET MVC, ASP.NET Core, .NET 5, .NET 6, Entity Framework, Entity Framework Core, ADO.NET, Peta Poco, NHibernate, Dapper, Windows Form, WPF, Web Form, XML, Web Service, WCF, Web Api, Windows Service, SOAP, SignalR, Log4Net, Serilog, NLog, Swagger, GraphQL, SignalR, GRPC
Database	Microsoft SQL Server, MySQL, T-SQL, Firebird, MongoDB, Elasticsearch, PostgreSQL, Redis, Neo4J
Front End	HTML, CSS, Javascript, Ajax, JQuery, Telerik, jQuery DataTable, React, Vue, Angular
Test	XUnit, NUnit, Cucumber, Jmeter, Selenium, Postman
Project Management	Jira, Trello, Slack, Confluence, Crucible, Agile, Scrum, Waterfall, Kanban

Source Control	TFS, SVN, Azure Devops, Github, GitLab
Devops	Teamcity, Azure Devops, Octopus, Jenkins, Docker, Kubernetes, Sonarqube, GitLab
PLC	TwinCat
Messagebrokers	RabbitMQ, ActiveMQ, MSMQ, Amazon SQS
Cloud	Azure Key Vault, Azure Redis, Azure App Services, Azure Functions, Azure Service Bus, Azure Storage, CosmosDb, Azure Insights, Azure VM, Azure Blobs, Azure Tables, AWS
Office Software	Microsoft Office, Visio
Used/Interested	Visual Basic, Scheme, Linux, OrCAD, Java, Python, BigData, Oracle Tools, R, Machine Learning, Deep Learning

Personal Information

I can define myself with the word ambition and loyalty. I am an outgoing person so I can communicate with everyone easily. I really give importance to the rights of all people so discipline is one of the most important characteristics of me. I believe that I can do or make everything after learning and trying something for the first time.

I give importance to education so I never give up to try learning something. Because we are engineers and our world is limitless. There are always new things to learn or discover. My aim is, I have to specialize in some areas of engineering but I want to have an idea about everything. Specializing in one way is important furthermore I prefer to be well-educated for every branch in the computer so I am trying to read and work about network issues, mobile application development, machine learning, deep learning, artificial intelligence, microprocessors, etc.

I am working hard in order to make them all real and I give importance to spending my work time more efficiently. I have tried to make the best everywhere for everything with attention, time and devotion to what I have made aims.

I traveled to nearly 10 countries during my Erasmus program and I observed different cultures and lifestyles during this adventure. After my Erasmus advantage, I don't give up my travel abroad and I visited nearly 5-6 countries more. My interests are football, traveling, technology, economics, personal development, running, and doing all sports activities.

I am experienced in especially Microsoft technologies but it does not matter for me to use others. I can learn and adapt to everything easily.