

Umut Seven | Curriculum Vitæ

 Bristol, UK

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Summary

Over 7 years of experience as a Full Stack Software Engineer, with a focus on APIs and microservices. Experienced in building reliable & scalable systems, from web and mobile apps to back-end services and infrastructure.

M.S. in Software Engineering from Boğaziçi University.

- Languages: Python, Rust, Dart, C#, Java, JavaScript, SQL, HTML, CSS, F#, C, Prolog
- Frameworks: Django, Flask, FastAPI, Flutter, Svelte, .NET, Spring
- Cloud: AWS, GCP, Firebase
- DevOps: Docker, Kubernetes, Terraform
- Other: Elasticsearch, Lucene, Kafka

Professional Experience

Cookpad

Bristol, UK

Lead Engineer

Jun 2021 – Present

 Python, FastAPI, Elasticsearch, Kafka, Kubernetes, Terraform

 AWS

As Lead Engineer for the Search Team, I collaborate with Product Managers to lead development of new features, solve technical debt, and manage the software development cycle, along with my existing responsibilities as a Search Engineer. I lead a diverse team of 10+ engineers, to ensure a great Search experience for our users.

Cookpad

Bristol, UK

Search Engineer

Jan 2021 – Jun 2021

 Python, FastAPI, Elasticsearch, Kafka, Kubernetes, Terraform

 AWS


Helped develop the various search systems for Cookpad, including APIs, an ETL pipeline and Elasticsearch, improved search quality by collaboration with our Country Managers and tuning relevance. Helped build the Search infrastructure, using tools like Terraform and Kubernetes.


Cookpad

Bristol, UK

Full Stack Engineer

Mar 2019 – Jan 2021

 Flutter, Dart, Python, Django, Svelte, JavaScript, HTML, CSS


 Firebase, GCP

As a solo developer working on a greenfield project for a skunkworks team, developed both the Android and iOS apps using Flutter & Dart, a customer facing web app via Svelte, REST API via Django, and the infrastructure powering all of it, using Firebase tools like Cloud Firestore, Firebase Cloud Messaging and Firebase Cloud Functions.

4play Digital Workshop

Software Developer

Istanbul, Turkey
Sep 2018– Feb 2019

 Java, Spring, RabbitMQ

Developed web services and miscellaneous VAS services for mobile operators. Designed & implemented agile software development methodologies for the development team.

Armut

Software Developer

Istanbul, Turkey
Feb 2018– Aug 2018

 C#, .NET, JavaScript, HTML, CSS


 AWS

Developed both the front-end and the back-end services of armut.com, leveraging multiple AWS products to deploy and monitor services. Implemented the CI/CD pipeline for multiple microservices.

P.I. Works

Software Developer

Istanbul, Turkey
Sep 2015–Feb 2018


 C#, .NET, JavaScript, HTML, CSS

Developed multiple real-time software projects that optimize & profile mobile base stations, making the mobile operators more efficient and less error prone. Designed and developed customized DevOps tools for the engineering team.

P.I. Works

Software Development Intern

Istanbul, Turkey
Jul 2014–Sep 2014

 C#, .NET, JavaScript, Python

Developed web & desktop based performance monitoring and reporting tools. Improved the CI/CD process.

Education

Boğaziçi University

Software Engineering, MS

Istanbul, Turkey
2017–2019

Papers:

- [Survey of Android Malware Detection](#)
- [Survey of Software Bug Prediction](#)
- [TCP Vegas: End to End Congestion Avoidance on a Global Internet](#)
- [Automatic Trailer Generation for Movies](#)


Istanbul University

Business Administration, BBA


Istanbul, Turkey
2010–2015

Selected Personal Projects


apyr

 Python, FastAPI


apyr (all lowercase) is a simple & easy to use mock API server. Great for front-end development when your API is not ready, or when you are prototyping an API- also very useful for demos & hackathon!

 <https://github.com/umutseven92/apyr>


LaFontaine

 *Python, NLTK*


LaFontaine is an automatic movie trailer generator. LaFontaine creates movie trailers for any genre using pre-defined features, like number of faces on screen, and loudness of volume. Scenes are extracted using these features and combined to create the final trailer. There are three features for frame, three features for sound and three features for subtitles. Features are read from configurations and are fully configurable.

 <https://github.com/umutseven92/LaFontaine>


Plutus

 *C#, .NET*


Plutus is a customizable, exchange agnostic cryptocurrency trading bot. You configure which cryptocurrencies to buy & sell, your desired profit amount & loss tolerance, and which cryptocurrency exchanges you want to buy & sell from. It does the rest by predicting if the price is going up or down for a given coin and buying and selling according to your profit and loss stops.

 <https://github.com/umutseven92/Plutus>

SharpChain

 *C#, .NET*

SharpChain is a simple blockchain implementation for educational purposes, written in C#. It is a simpler, smaller model of the Bitcoin blockchain. Makes it easier to see how the blockchain actually works!

 <https://github.com/umutseven92/SharpChain>

{ This isn't all! See more at github.com/umutseven92. }

Certifications & Training

Qualifications

- Microsoft Certified Professional (MC ID: 10495811)
- TÜBİTAK 2014 Software Competition Finalist

Certificates

- Microsoft Certified Professional Certificate (E498-2569)
- Programming in C# Specialist Certificate (E498-2567)

Training

- Think Like A Relevance Engineer - Elasticsearch by OpenSource Connections
- MCSD Training by Bilge Adam

Miscellaneous

Hobbies: Making music (,  and ) , playing Go (15 kyu)

Other: Fluent in English (IELTS Score of 8.5)

{ This CV is also on GitHub! Check it out at github.com/umutseven92/CV. }