



Mehmet Akif Tütüncü

Senior Software Engineer

📍 Utrecht, Netherlands @ mat@akif.dev 🔗 <https://akif.dev>

🔗 [makiftutuncu](#)

🌐 [makiftutuncu](#)

✉ [makiftutuncu](#)

SUMMARY

I'm a senior software engineer with over 10 years of professional experience in the software industry, mostly focused on backend. I worked with companies globally, providing consulting and training services. My expertise lies in JVM technologies, Scala, Java, and Kotlin, and I'm skilled in both object-oriented and functional programming. I have a solid understanding of CI/CD, testing, databases, cloud applications, and microservices. I'm passionate about open-source software, I created several tools to help developers and I spoke at conferences/meetups. Outside of work, I enjoy traveling, cooking, and listening to rock/metal music.

WORK EXPERIENCE

iO - iodigital.com

Dec 2022 to Present

Senior Software Engineer

Utrecht

I'm currently working at Rabobank as a consultant, developing an internal functional documentation portal.

Also as a tech-lead at iO, I co-organized workshops, wrote articles on company blog, attended recruitment interviews, performed code reviews and mentoring, worked on improving the hiring process, worked on open-source side projects.

``azure` `docker` `functional-programming` `graphql`
`git` `gradle` `hazelcast` `java` `junit` `kotlin`
`postgresql` `reactive-programming` `spring-boot``

Numbrs - numbrs.com

Nov 2020 to Oct 2021

Software Engineer

İstanbul (Remote)

I worked in Personal Finance Management team, responsible for developing new features to Numbrs app backend.

``aws` `cassandra` `circe` `couchbase` `docker`
`functional-programming` `git` `go` `gradle` `java`
`junit` `kafka` `kubernetes` `play-framework`
`postgresql` `quill` `reactive-programming` `sbt`
`scala` `scalatest` `scrum` `spring-boot``

VNGRS - vngrs.com

Jun 2017 to Sep 2019

Software Engineer

İstanbul

I worked in the kick-off process for their latest product in MAF Properties team; helped migrate and maintain a mobile payment system in Beam team; helped design/develop and maintain multiple backend projects in Socrata team.

``activemq` `akka` `aws-ec2` `aws-rds` `aws-s3`
`cats` `circe` `docker` `dynamodb` `elastic-
beanstalk` `functional-programming` `git` `http4s`
`java` `junit` `memcached` `play-framework`
`postgresql` `ruby-on-rails` `sbt` `scala`
`scalatest` `scrum` `spring-boot` `zookeeper``

Scalac - scalac.io

Nov 2021 to Oct 2022

Senior Software Engineer

İstanbul (Remote)

I worked with Conduktor as a consultant, migrated part of their legacy Java API to a new Scala service which included an automated mechanism to check for correctness, then worked on admin of Conduktor Platform, containing many Conduktor products.

``akka` `cats` `circe` `docker` `functional-
programming` `git` `google-cloud` `http4s` `java`
`junit` `kafka` `kanban` `micronaut` `postgresql`
`quill` `sbt` `scala` `zio``

sahibinden.com

Aug 2019 to Nov 2020

Senior Software Engineer

İstanbul (Hybrid)

I worked in the search team on search, promotions and categories domains, also took the lead on automating the process of updating geo/location data.

``cassandra` `elasticsearch` `git` `java` `junit`
`kafka` `memcached` `mongodb` `mysql` `scrum`
`spring-boot` `spring-framework` `zookeeper``

Linovi

Oct 2013 to Oct 2016

Software Engineer

İzmir

I started as part-time, then joined Shazam team full-time, had varying tasks from developing features, fixing bugs, writing automated tests to maintaining projects.

``akka` `aws-ec2` `aws-rds` `aws-s3` `aws-sqs` `aws-
swf` `aws-ses` `dynamodb` `functional-programming`
`git` `kanban` `mysql` `play-framework` `redis`
`redshift` `sbt` `scala` `specs2` `scrum``

PERSONAL PROJECTS

Periodik

Read-only property delegate that can provide a value refreshed periodically

<https://github.com/makiftutuncu/periodik>

``kotlin` `library` `delegated-property``

Effect

Functional effect library in Scala

<https://github.com/makiftutuncu/effect>

``scala` `error-handling` `functional-effect``

Bookstore

A project demonstrating automated testing on backend

<https://github.com/makiftutuncu/bookstore>

``scala` `finch` `scalatest` `postman` `docker`
`flyway` `doobie` `postgresql``

spring-boot-crud

Opinionated, REST-ful and generic CRUD operations for Spring Boot applications

<https://github.com/makiftutuncu/spring-boot-crud>

``kotlin` `java` `api` `crud` `spring-boot``

e

A zero-dependency micro library to deal with errors

<https://github.com/makiftutuncu/e>

``kotlin` `java` `scala` `error-handling``

Muezzin

Android application and server

<https://github.com/makiftutuncu/Muezzin>

``scala` `java` `play-framework` `postgresql` `anorm`
`akka``

EDUCATION

Izmir Institute of Technology

Computer Engineering

<https://en.iyte.edu.tr>

Sep 2009 to Jun 2014

Bachelor's Degree

Education in English, focused on software, started my career halfway through with internships and part-time positions

LANGUAGES

Turkish

Native

English

Professional

VOLUNTEER EXPERIENCE

Kodluyoruz

Instructor

Dec 2020 to Jan 2021

İstanbul (Remote)

I gave introduction to Scala and functional programming lectures.

Izmir Institute of Technology

Instructor

Jan 2013 to Apr 2013

İzmir

I gave Android lectures in student club at my university.

CERTIFICATIONS

Complete Guide to Elasticsearch

Udemy

Jun 2020

AWS Certified Solutions Architect -

Associate

Amazon

May 2018

INTERESTS

Traveling

Cooking

Music/Guitar

Public Speaking

Teaching

TALKS & PRESENTATIONS

YouTube Playlist

<https://tinyurl.com/makiftutuncu-talks>