Mehmet Akif Tütüncü
Senior Software Engineer

⊙ Utrecht, Netherlands @ mat@akif.dev 🔗 https://akif.dev

○ github.com/makiftutuncu
in linkedin.com/in/makiftutuncu
𝕏 x.com/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`

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`

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`

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`

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`

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`

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`

Effect
Functional effect library in Scala

🔗 https://github.com/makiftutuncu/effect

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

e
A zero-dependency micro library to deal with errors

🔗 https://github.com/makiftutuncu/e

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

Bookstore
A project demonstrating automated testing on backend

🔗 https://github.com/makiftutuncu/bookstore

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

Muezzin
Android application and server

🔗 https://github.com/makiftutuncu/Muezzin

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

EDUCATION

Izmir Institute of Technology   Sep 2009 to Jun 2014
Computer Engineering   Bachelor's Degree

🔗 https://en.iyte.edu.tr

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   Dec 2020 to Jan 2021
Instructor   İstanbul (Remote)

I gave introduction to Scala and functional programming lectures.

Izmir Institute of Technology   Jan 2013 to Apr 2013
Instructor   İzmir

I gave Android lectures in student club at my university.

CERTIFICATIONS

Complete Guide to Elasticsearch   Jun 2020
Udemy

AWS Certified Solutions Architect –   May 2018
Associate
Amazon

INTERESTS

Traveling   Cooking   Music/Guitar   Public Speaking   Teaching

TALKS & PRESENTATIONS

YouTube Playlist

🔗 https://tinyurl.com/makiftutuncu-talks