



# Mehmet Akif Tütüncü

Senior Software Engineer

📍 Amsterdam, Netherlands

📅 Mar 1991 ✉️ [mat@akif.dev](mailto:mat@akif.dev)

🌐 <https://akif.dev>

🐙 [makiftutuncu](#)

in [makiftutuncu](#)

🐦 [makiftutuncu](#)

I'm mainly focused on backend. I have more than 9 years of professional experience in software industry. I've worked with companies around the world and conducted consulting/training. I have extensive JVM knowledge and proficiency in Scala, Java, Kotlin using both object-oriented and functional programming. I have skills in CI/CD, testing, databases, cloud applications, micro-services. I am a fan of open-source software.

## WORK EXPERIENCE

### Senior Software Engineer @ iO

(Dec 2022 - Present)

Before joining a client project as a consultant, I acted as a developer advocate. I co-organized a workshop, wrote on company blog, attended recruitment interviews/reviews and worked on improving the hiring process.

🔗 <https://iodigital.com>

### Senior Software Engineer @ Scalac

(Nov 2021 - Oct 2022)

I worked with Conduktor as a consultant. I migrated part of their legacy Java API to a new Scala service. It included an automated mechanism to check for correctness. Then I worked on admin features of Conduktor Platform, spanning multiple Conduktor products.

🔗 <https://scalac.io>

### Software Engineer @ Numbrs

(Nov 2020 - Oct 2021)

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

🔗 <https://www.numbrs.com>

### Senior Software Engineer @ sahibinden.com

(Aug 2019 - Nov 2020)

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

🔗 <https://sahibinden.com>

### Software Engineer @ VNGRS

(May 2017 - Aug 2019)

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

🔗 <https://vngrs.com>

### Software Engineer @ Linovi

(Oct 2013 - Oct 2016)

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

### Android Developer @ iDivino

(Aug 2012 - Aug 2013)

I worked part-time on developing games for preschool children.

## EDUCATION

### Izmir Institute of Technology

(Aug 2009 - Jun 2014)

Bachelor's Degree, Computer Engineering

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

## SKILLS

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### Frameworks/Libraries/Tools

Akka, AWS, cats, circe, Docker, Elasticsearch, git, Gradle, http4s, JUnit, Kafka, Play Framework, Quill, SBT, ScalaTest, Spring Framework, tapir, ZIO

### Programming Languages

Go, Java, Kotlin, Scala

### Databases

Cassandra, DynamoDB, Firebase, MongoDB, MySQL, PostgreSQL, Redis

### Techniques

Agile, CI/CD, DDD, Kanban, Microservices, SCRUM, TDD

## PERSONAL PROJECTS

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### Effect

Functional effect library in Scala

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

Scala, Functional Effect, Error Handling

### Muezzin

Android application and server

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

Scala, Java, Play Framework, PostgreSQL, Anorm, Akka

### Bookstore

A project demonstrating automated testing on backend

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

Scala, Finch, ScalaTest, Postman, Docker, Flyway, Doobie, PostgreSQL

### k-retry

Naive retry implementation

↪ <https://github.com/makiftutuncu/k-retry>

Kotlin, JUnit

## TALKS AND PRESENTATIONS

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### Things I Learned Building a Functional Effect System

Functional Scala 2022

↪ <https://youtu.be/ZNB2epqQhc8>

### Dealing with Errors on JVM with e

ScalaUA 2020

↪ [https://youtu.be/HAQZtTZae\\_Q](https://youtu.be/HAQZtTZae_Q)

### Kotlin for Backends

sahibinden.com D2D

↪ <https://github.com/makiftutuncu/kotlin-for-backends>

### Typeclass 101

VNGRS Lightning Talks

↪ <https://youtu.be/jPiM9uBHpwI>

### Testing Web Backends With Scala

Test Hive

↪ <https://youtu.be/QnK8pyGUOac>

### Working Remotely From Turkey

Interview with DevTech Community

↪ <https://youtu.be/VbvllcR-JYg>

## LANGUAGES

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### Turkish

Native

### English

Professional

## CERTIFICATIONS

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### Complete Guide to Elasticsearch

Udemy

(Jun 2020)

### AWS Certified Solutions Architect - Associate

Amazon

(May 2018)

## VOLUNTEER EXPERIENCE

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### Kodluyoruz

Instructor

(Dec 2020 - Jan 2021)

I gave introduction to Scala and functional programming lectures.

### Izmir Institute of Technology

Instructor

(Jan 2013 - Apr 2013)

I gave Android lectures in student club at my university.