



# Mehmet Akif Tütüncü

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I'm a senior software engineer focused mainly on backend. I have more than 9 years of professional experience in software development. I've conducted consulting, training and worked with companies around the world such as Shazam, Socrata, Beam/MAF, sahibinden, Numbrs, Scalac and Conduktor. I am proficient in Scala, Java, Kotlin using both object-oriented and functional programming. I have skills in CI/CD, testing, databases, cloud applications, microservices. I am a fan of open-source software.

## WORK EXPERIENCE

**Scalac** (Nov 2021 - Present)

Senior Software Engineer

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. I helped build user and organization management features handling multiple Conduktor products.

**Numbrs** (Nov 2020 - Oct 2021)

Software Engineer

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

**Sahibinden** (Aug 2019 - Nov 2020)

Senior Software Engineer

I worked in the search team. The domains I usually dealt with were search, promotions and categories. I also automated the process of updating location and geo data.

**VNGRS** (May 2017 - Aug 2019)

Software Engineer

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.

**Linovi** (Oct 2013 - Oct 2016)

Software Engineer

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

**iDivino** (Aug 2012 - Aug 2013)

Android Developer

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

## PROJECTS

**e**  
Scala library for error handling  
↪ <https://github.com/makiftutuncu/e>  
Scala, Kotlin, Java, circe, play-json, gson, ZIO, munit

**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

**k-retry**  
Naive retry implementation  
↪ <https://github.com/makiftutuncu/k-retry>  
Kotlin, JUnit

## LANGUAGES

Turkish

Native

English

Professional

## SKILLS

### Frameworks/Libraries/Tools

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

### Databases

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

### Programming Languages

Go, Java, Kotlin, Scala

### Techniques

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

## TALKS

### 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>

## ARTICLES

### Scala Blog

Wordpress

↪ <http://makiftutuncu.wordpress.com>

(Dec 2015)

### Android Blog

Blogspot

↪ <http://androidce.blogspot.com>

(Jan 2012)

## VOLUNTEER EXPERIENCE

### Kodluyoruz

Instructor

I gave introduction to Scala and functional programming lectures.

(Dec 2020 - Jan 2021)

### Izmir Institute of Technology

Instructor

I gave Android lectures in student club at my university.

(Jan 2013 - Apr 2013)

## EDUCATION

### Izmir Institute of Technology

Bachelor's Degree, Computer Engineering

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

(Aug 2009 - Jun 2014)

## CERTIFICATIONS

### Complete Guide to Elasticsearch

Udemy

(Jun 2020)

### AWS Certified Solutions Architect - Associate

Amazon

(May 2018)