# 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

### 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

## 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

**Progamming Languages**
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

**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**                                    (Dec 2015)
Wordpress
🔗 http://makiftutuncu.wordpress.com

**Android Blog**                                   (Jan 2012)
Blogspot
🔗 http://androidce.blogspot.com

## VOLUNTEER EXPERIENCE

**Kodluyoruz**                          (Dec 2020 - Jan 2021)
Instructor

I gave introduction to Scala and functional programming lectures.

**Izmir Institute of Technology**        (Jan 2013 - Apr 2013)
Instructor

I gave Android lectures in student club at my university.

## 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

## CERTIFICATIONS

**Complete Guide to Elasticsearch**            (Jun 2020)
Udemy

**AWS Certified Solutions Architect - Associate**   (May 2018)
Amazon