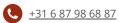
# Mehmet Akif Tütüncü

## Lead Software Engineer













10+ years of professional experience in backend development with a specialization in JVM technologies such as Scala, Kotlin, and Java. Provided consulting services to global companies, emphasizing object-oriented and functional programming. Strong background in CI/CD, testing, databases, cloud infrastructure, microservices, and software architecture. Developed open-source tools for developers, gave voluntary lectures and presented at conferences and meetups. Interests include traveling, cooking, and rock/metal music.

#### WORK EXPERIENCE

#### Lead Software Engineer @ iO

iodigital.com / Utrecht, Netherlands / 12-2022 to Now

- Consultant at Jumbo
  - o Joined a team in store domain for integrating software of devices in Jumbo stores into a new backend
- Consultant at Rabobank
  - Led development in a team of 6 developers, building an internal functional documentation portal for Rabo Online Platform, supporting 69 web apps, 250 squads, over 1500 engineers, and 1200 applications
  - Migrated 4 backend services into a new architecture that allows for extending the functionality of the
  - o Integrated with Azure Al services in 3 months to build a smart assistant capable of answering questions based on documentation on the portal
- Tech-Lead at iO
  - o Presented at 3 conferences, made 3 public meetups and 2 internal workshops
  - Co-authored 1 article for the company blog
  - Conducted 15 recruitment interviews and review processes
  - Started 3 open-source projects and mentored team members

#### Senior Software Engineer @ Scalac

scalac.io / Istanbul, Turkey / 11-2021 to 10-2022

- Consultant at Conduktor
  - Migrated legacy Java APIs to a new Scala service, encompassing approximately 50 endpoints
  - Introduced an automated mechanism to verify correctness by comparing responses from both sets of endpoints
  - Developed an admin portal for the Conduktor Platform, offering management capabilities for Kafka clusters with easy-to-use user interfaces

## **Senior Software Engineer @ Numbrs**

<u>numbrs.com</u> / Istanbul, Turkey / 11-2020 to 10-2021

- Developed new features for the Numbrs application in Personal Finance Management Team
- Implemented backend services utilizing Go, Java, Scala, Kafka and Cassandra
- Created the "Insights" feature, delivering 7 unique, smart and actionable insights to users based on demographic information and bank transactions

#### Senior Software Engineer @ sahibinden

sahibinden.com / Istanbul, Turkey / 08-2019 to 10-2020

- Focused on domains including search, promotions, and categories in Search Team
- Led a 6-month project to automate the updating of geo and location data
- Integrated with a third-party data provider and performed 4 data migrations in a production environment with no downtime, pioneering the use of Kotlin in a Java codebase for the project

## **Software Engineer @ VNGRS**

<u>vngrs.com</u> / Istanbul, Turkey / 06-2017 to 09-2019

- Consultant at Socrata Team
  - o Improved the Open Data Platform, containing about 20 backend projects
  - Created an activity log service for auditing all platform activities
- Consultant at Beam
  - Conducted a cloud migration from Sydney to Dubai
  - o Stabilized and adapted the mobile payment system to work in Dubai
  - o Implemented "Ticketless Parking", integrating car parking payments with Beam
- Consultant at MAF Properties Team
  - Joined the kick-off process for a rebranding of Ticketless Parking

#### **Software Engineer @ Linovi**

Izmir, Turkey / 10-2013 to 10-2016

- Began part-time, gaining experience in web development, backend development, and Scala
- Transitioned to full-time in Shazam Team, working on the Self-Service Campaign Management Portal
- Started by writing tests, moved on to developing new features, fixing bugs, and maintaining CI/CD and build systems
- Achieved a significant impact by reducing build times by 50%

## **SKILLS**

#### **Programming**

Functional Programming, Go, Java, Kotlin, Object Oriented Programming, Reactive Programming, Scala,
TypeScript

#### Frameworks & Libraries

 Akka, Cats, Circe, Http4s, Micronaut, Play Framework, Quarkus, Quill, React, Spring Boot, Spring Framework, ZIO

#### **Databases & Data Stores**

• Cassandra, DynamoDB, Elasticsearch, Hazelcast, Memcached, MongoDB, MySQL, PostgreSQL, Redis, Redshift, Zookeeper

#### **Cloud & DevOps**

• AWS, Azure, Docker, Google Cloud Platform, Kubernetes

## **Tools & Methodologies**

ActiveMQ, Git, Gradle, GraphQL, JUnit, Kafka, Kanban, Maven, TestContainers, SBT, ScalaTest, SCRUM,
Specs2

## **PROJECTS**

- periodik: Read-only property delegate that can provide a value refreshed periodically
- spring-boot-crud: Opinionated, REST-ful and generic CRUD operations for Spring Boot applications
- **effect**: Functional effect library in Scala
- <u>e</u>: Zero-dependency error handling library
- **bookstore**: Project demonstrating automated testing on backend
- Muezzin: Android application and server

## **PUBLICATIONS**

- Videos of talks and presentations from conferences/meetups: tinyurl.com/makiftutuncu-talks
- Blog: <u>dev.to/makiftutuncu</u>
- Blog about Scala in Turkish: <u>makiftutuncu.wordpress.com</u>
- One of the first blogs about Android in Turkish: androidce.blogspot.com

## **EDUCATION**

## Izmir Institute of Technology

Computer Engineering

09-2009 to 06-2014

## **CERTIFICATIONS**

- Agility: Team Accelerator
- AWS Certified Cloud Practitioner
- Complete Guide to Elasticsearch
- AWS Certified Solutions Architect Associate

## **LANGUAGES**

- Turkish (Native)
- English (Fluent)
- Dutch (Beginner)