Mehmet Akif Tütüncü

Senior Software Engineer

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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.

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

Go, Java, Kotlin, Scala

Techniques

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

TALKS AND PRESENTATIONS

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

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/VbvIIcR-JYg

PERSONAL PROJECTS

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

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

LANGUAGES

Turkish
Native

English
Professional

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.

CERTIFICATIONS

Complete Guide to Elasticsearch
(Jun 2020)
Udemy

AWS Certified Solutions Architect - Associate
(May 2018)
Amazon