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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.

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.

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.

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.

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.

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

Programming Languages

Go, Java, Kotlin, Scala

Databases

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

Techniques

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

TALKS

Dealing with Errors on JVM with e
ScalaUA 2020

↪ https://youtu.be/HAQZtTZae_Q

Typeclass 101

VNGRS Lightning Talks

↪ <https://youtu.be/jPiM9uBHpwI>

Kotlin for Backends

sahibinden.com D2D

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

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)