



# Furkan Topal

Software Engineer

can code things and have an insight in telecommunication industry, currently working as a software developer and into finance world

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## WORK EXPERIENCE

### Software Developer Turkcell

09/2018 - Present

Istanbul, Turkey

- My scrum team is spearheading developments of revenue assurance's needs. Hence, we are collaborating with finance department. In addition to helping me obtain a deep understanding in telecommunication industry, it has enabled me to comprehend how to deal with big data.
- Hands on experiences in Hands on experiences in Java 11+, Spring Boot, Micro-services, Oracle PL/SQL, JDBC, JPA, Hibernate, NoSQL, Cassandra, Hadoop, PostgreSQL, MSSQL, JMS, ActiveMQ, Docker, RESTful API, Postman, Node.js, React, Linux, Shell Scripting, Bash, JSON, HTTP, Web services, Git, GitHub, ClearCase, Bitbucket, Maven, Gradle, npm, Jenkins, Artifactory, JIRA, Confluence, Splunk, Pair programming, TDD, CI/CD, XML, FTP, SFTP

### Software Developer Intern Matriks Bilgi Dağıtım Hizmetleri

08/2017 - 09/2017

Istanbul, Turkey

- Mobile Programming / Android / Kotlin / Swift

### Research and Development Intern Borsa Istanbul (Stock Exchange)

03/2017 - 03/2017

Istanbul, Turkey

- I participated in 15 various courses related with stock exchange and finance. I prepared a presentation on this topic: Is stock market predictable?

### General Directorate of Financial Markets Intern Central Bank of the Republic of Turkey

07/2017 - 07/2017

Ankara, Turkey

- Research and Development Trainee

### Software Developer Intern Yapı Kredi

07/2016 - 08/2016

Istanbul, Turkey

- Backend Java

## EDUCATION

### Department of Mathematical Engineering Yildiz Technical University

2013 - 2018

Istanbul, Turkey

### Department of Computer Science Graz University of Technology

2016 - 2017

Graz, Austria

- Exchange Student

## SKILLS

Java 11+

Spring Boot

RDBMS

NoSQL

Linux

Back-end

Front-end

Mobile

Algorithms

Agile

Machine Learning

## CERTIFICATES

Boğaziçi University (12/2019 - Present)

Finance Masters

Rice University (08/2019 - Present)

Finance for Non-Finance Professionals

IMD Business School (04/2019 - Present)

Young Talent Business & Innovation Program

## PERSONAL PROJECTS

Decision Tree Analysis of Global Terrorism Database  
(02/2018 - 08/2018)

- Graduation Thesis

Android Application for Global Terrorism Data Collection  
(02/2018 - 06/2018)

- Design Applications in Mathematical Engineering

## ATTENDED INDEPENDENT COURSES

CFP Education, Lean & Agile Philosophy, Maven, Unit Testing

Advanced Java, PL/SQL, Test & Risk Management, Selenium

Mobile Programming with IOS, Android

Young Talent Training Programme - Huawei  
(Hangzhou, China)

## AWARDS

CXO Award for 2019 and 2020, separately  
Turkcell Technology

## LANGUAGES

English  
Full Professional Proficiency

German  
Limited Working Proficiency

Turkish  
Native or Bilingual Proficiency