SERCAN ÇELENK

[EXPERT SOFTWARE ENGINEER]
ISTANBUL / TURKEY - [+90 530 200 85 02] - SERCANCELENK@GMAIL.COM

"Passionate about IT Profession and Computer Engineering. Have years of experience on Software Development. Designed and building several Softwares with Java, Scala, Ruby, Python. Both had experience in Startups and Enterprise Scale organizations..."

EXPERIENCE

EXPERT SOFTWARE ENGINEER
01/2021 - Present

TRENDYOL TECH

Seamless e-commerce experience to our customers and vendors. Seller Experience Technologies

EXPERT SOFTWARE ENGINEER
04/2016 - 12/2020

TURKCELL TECHNOLOGY

Fizy Music Platform, Magazine Platform, Online Gaming Platform, TV+ Middleware

- **ONLINE GAMING PLATFORM**
  - Core backend development
  - Reactive Programming with Java 1.8 and projectreactor.io
  - Reactive Manifesto: Monads, Functional Programming
  - Reactive Apache Kafka Cluster Pub/Sub Messaging and Reactive Websocket
  - 250000+ connections in one machine on T instant
  - Reactive Redis Template, Google Guava Memoizer for in-memory cache
  - Spring 5 Webflux
- **FIZY MUSIC PLATFORM**
  - Online Music Streaming Platform
  - Core Development
  - Spring Cloud Netflix Microservice Architecture, Spring Boot 2.x, Java 1.8 Functional
  - Redis Cluster, Redis Sentinel
  - Consul Service Registry, Ribbon, Zuul Filter
  - Java Concurrency for music content data polling
  - Dockerize modules, Openshift, Jenkins integration
- **MAGAZINE PLATFORM**
  - Online Magazine Platform
  - Replatform Project from .NET to Java Microservice
  - Spring Cloud Netflix Microservice Architecture, Spring Boot 2.x, Java 1.8 Functional
  - Hazelcast Multicast Distributed Cache
  - Consul Service Registry, Ribbon, Zuul Filter
  - Dockerize modules, Openshift, Jenkins integration
- **TV+ CHAT MODULE**
  - Reactive Apache Kafka Messaging, Reactive Websocket, Reactive Redis, Spring 5.x, Reactive Programming
  - Spring 5 Webflux
  - Mockito JUnit
- **GÖLLER EÇPTE MODELWARE**
  - Reactive Apache Kafka Messaging for realtime match details, Reactive Websocket, Reactive Redis, Spring 5.x, Reactive Programming
  - Spring 5 Webflux
  - Mockito JUnit

SENIOR SOFTWARE ENGINEER
10/2015 - 04/2016

GLOBAL CAPITAL GROUP ONLINE BANKING COMPANY

Project based working in Payment Team.

- **PAYMENT MODULE**
  - Spring Boot 1.5, Microservice Architecture, ELK, Zeppln, Zuul Filter, Mockito JUnit

HEAD OF CORE DEVELOPMENT(OUR STARTUP COMPANY)
01/2015 - 01/2016

DUMETECH

Dumetech is startup company of us. We developed Mesaj.Ninja Project that online messaging platform via Whatsapp, Viber, Bip. Also we acquire reward from BNP Paribas International Hackhaton in Istanbul.

- **MESAJ.NINJA - CLOUD MESSAGING APPLICATION VIA WHATSAPP, VIBER**
  - TEB BNP Paribas Hackathon Winner Project
  - Spring Technologies, Java 1.8, Java concurrency, Ruby Cucumber Integration, AngularJs

SENIOR SOFTWARE ENGINEER
10/2013 - 01/2015

TURKCELL TECHNOLOGY

Eclipse Plugin and Middleware development for Release Management in Turkcell.

- **FLEXDIQ - DATA QUALITY TOOL FOR INTEGRATED SYSTEMS**
  - Spring boot 1.5, Java 1.8, Spring Data, Mysql DB
  - Spring Quartz Dynamic Job Scheduling
  - Hazelcast Multicast Distributed Cache
  - Dockerize modules, Openshift, Jenkins integration
- **DEVELOPER OF SDLC FOR CI / CD AND RELEASE MANAGEMENT PROCESSES**
  - Java 1.7, Spring Data, J2EE, Eclipse Plugin Development, Rest Api
  - Developed the following modules: Web Apı, Schedule Apı, Rest Apı, Log monitoring Apı
  - Integration of Clearcase and SVN
  - Eclipse Plugin Development, SWT adopted, Threaded GUI

SENIOR SOFTWARE ENGINEER
04/2012 - 11/2013

AKBANK TECHNOLOGY

Main Banking Team, development of financial applications.

SOFTWARE ENGINEER
05/2010 - 04/2012

EG SOFTWARE COMPANY

Startup Company, Developed Government Applications and R&D Projects.

SOFTWARE ENGINEER
04/2008 - 05/2010

MAG SOFTWARE COMPANY

Startup Company, Developed Government Applications and R&D Projects.

PROJECTS

HAZZMON-IO
Turkcell Technology

- Hazelcast Key and Cluster Management Tool
- Manage your hazelcast on-demand for your project. Easy setup.
- Github: https://github.com/sercancelenk/hazzmon-io
- Spring Boot 2.x Hazelcast Supported All Versions, Angularjs 6 for UI

MESAJ.NINJA - CLOUD MESSAGING APPLICATION VIA WHATSAPP, VIBER
Dumetech

- TEB BNP Paribas Hackathon Winner Project
- Spring Technologies, Java 1.8, Java concurrency, Ruby Cucumber Integration, AngularJs

GUNDEM.IN INTELLIGENCE NEWS CRAWLER APPLICATION
Personal

- From 200+ resources, crawl and serve news data on mobile phone, Mix news with twitter and facebook
- Apache Kafka for crawling data on demand, Ruby Sinatra Framework, Solr for indexing and grouping news

SKILLS

PROGRAMMING LANGUAGES & TOOLS

- Event Driven Design, Reactive Systems
- Java 9/11 Experience, Kafka Streams / KsqlDb
- Reactive Programming, Reactive Manifesto, Scalable Systems
- Java 1.6, 1.7, 1.8, Functional Programming, Design Patterns experience (Advanced)
- Dockerize Applications, CI/CD, Jenkins Integrated Applications
- Scala for multithreaded processing with functional
- Clean code, Microservices Architectures
- Spring Rest Docs, Mockito, JUnit
- Spring Data, Rest, Webflux, Oauth, Hibernate, JWT (Advanced)
- Scala for multithreaded processing with functional
- Apache Kafka Messaging (Pub/Sub)
- Redis Sentinel, Redis Server Cluster, Sharding
- Hazelcast Cluster, Google Guava, Ehcache
- Ruby (Intermediate) - Sinatra, Rails Frameworks

WORKFLOW

- Accept and Analyze Problem
- Find most suitable solution
- Develop most efficiently
- Agile Development & Scrum

AWARDS & CERTIFICATIONS

- 🏆 (Mesaj.Ninja Project) BNP Paribas & TEB International Hackhaton Winner in ISTANBUL (2015)
- Oracle OCA Certificate (2011) (Oracle-Ireland)
- Java 1.8 New features (2015) (Oracle)
- Java EE (2013-2014) - Oracle
- Spring Framework Architecture (2013) (badsu.com)
- JavaSE and Design Patterns (2007) (Oracle)

GIVEN LECTURES

- Startup Roadmap (ETU Cekirdek)
- Reactive Programming (Turkcell Technology)
- Java 1.8 New features (Turkcell Technology)
- Sql Tuning (Bilge Adam)

EDUCATION

SELÇUK UNIVERSITY
09/2003 - 09/2008

ENGINEERING FACULTY - COMPUTER ENGINEERING DEPARTMENT

Graduated.

INTERESTS

- In my free time I like playing guitar, playing football, driving a car, and reading politics.
- Professionally, I like to constantly develop myself, create other fields, learn other languages,produce new ideas and projects.

REFERENCES

- References will be supplied in case of request.