

# Sercan Hocaoglu

## Software Engineer

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## Summary

I am a passionate highly enthusiastic Software Engineer with 4+ years experience actively involving with the latest technology and updates in the software development field, have been working in the development teams with agile methodology at large organizations.

I mostly design, build and develop backend web applications, APIs, backend services in large-scale and highly available distributed systems. I'm also interest and ability to learn other programming languages and technologies.

I have strong desire for knowledge and new challenges. I'm passion for innovation and learning. I am a fast learner who picks up new software skills quickly, team player, well-organized, self-educated, self-motivated and versatile person.

## Skills

**Programming Languages :** Java, Python, C/C++, JavaScript

**Web Technologies & Frameworks :** REST, SOAP, Spring, Spring Boot, HTML, CSS, Vue.js

**Distributed Systems & Devops :** Docker, Kubernetes, OpenShift, RabbitMQ, Apache Kafka, Logstash, New Relic, Grafana

**Data Management :** PostgreSQL, Oracle, Couchbase, Cassandra, Redis, Elasticsearch

**Strong Knowledge :** Distributed Systems, CI/CD, OOP, Design Patterns, Algorithms & Data Structures, Agile, Scrum, TDD, Git, Maven, Jenkins, Linux

## Work experience

### Sr. Software Engineer

11/2019 - Current

ING, Istanbul, Turkey

- Participate in a platform development team which has a team size of 8 members, work with agile methodologies and provides architectural, infrastructural, internal solutions, tools, platforms and integrating external platforms to the existing system.
- Work collaboratively with an architectural team to discuss, plan and execute on microservice transformation project
- Responsible for ;
  - Developing an internal framework, tools and building REST APIs with Java,
  - Managing CI/CD and scaling microservices via OpenShift which is a platform based on Kubernetes and Docker,
  - Redesigning existing banking services with microservice patterns and approaches

**Tech stacks:** Java, JavaScript, Spring Boot, REST, Docker, Kubernetes, OpenShift, RabbitMQ, Apache Kafka, Grafana, ElasticSearch, Logstash, Kibana, Cassandra, CI/CD, Agile, Scrum, Microservices, Banking

### Software Engineer

11/2018 - 11/2019

Trendyol Group, Istanbul, Turkey

- Worked in part of an agile software development team of the e-commerce web site which has 25M+ actively users
- Designed and developed REST APIs by using Java with Spring Boot and an UI by using Javascript with Vue.js
- Managed and scaled 40M+ products with high throughput in the distributed system by providing low latency, fault tolerant and high availability.
- Delivered and operated large-scale, highly available distributed system with the microservice deployment patterns using Kubernetes with Docker

**Tech stacks:** Java, JavaScript, Spring Boot, REST, Docker, Kubernetes, Microservices, CI/CD, TDD, Agile, Scrum, RabbitMQ, Couchbase, PostgreSQL, Graylog, New Relic, ElasticSearch, Pair programming, E-commerce

### Software Engineer

11/2016 - 11/2018

Yapi Kredi Bank, Istanbul, Turkey

- Participated in the software development team of the payment system of the bank which has 20M+ customers
- Developed and implemented Java applications, web services, core banking business processes of payment methods with involving in all phases of the SDLC
- Maintained and optimized critical finance datas with high availability and strong consistency

**Tech stacks:** Java, J2EE, Spring, SOAP, REST, Hibernate, SOA, Oracle , PL/SQL, Payment System, Banking

## Education

### Computer Engineering, Bachelor's Degree

2011 - 2016

Middle East Technical University, Ankara, Turkey