

Ibrahim Ates
Senior Software Engineer

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I am experienced Senior Software Developer with a proven track record of delivering high-quality software solutions in fast-paced environments following principles like SOLID, DRY. With over 10 years of hands-on experience in full-stack development, I excel in designing, implementing, and optimizing scalable applications that meet both business and user needs.

My expertise spans across a wide range of technologies, including; Java, JavaScript, Spring Boot, Kafka, RabbitMQ, Cache, Azure etc. I thrive in collaborative team settings, where my strong communication skills and leadership abilities contribute to successful project outcomes.

Throughout my career, I've demonstrated a commitment to staying current with emerging technologies and best practices, allowing me to adapt quickly to evolving industry trends. Whether it's architecting complex systems, troubleshooting technical challenges, or mentoring junior developers, I approach every task with enthusiasm and dedication.

I am passionate about leveraging technology to solve real-world problems and am eager to bring my skills and expertise to a dynamic team poised for innovation and growth.

I do write constantly about technical topics on my blogsites such as [Medium](#), [LinkedIn](#)

Professional Experience

EY via Orion Innovation: Senior Software Engineer

Remote, Turkey: July 2022 – Present

My responsibilities:

- I have been developing high-quality, modern, and scalable application software contributing towards business and regulatory goals
- I have been performing code reviews to ensure design and coding standards are upheld
- I have been contributing to architectural standards, developing best practices, and promoting adherence to these standards
- I have been mentoring and supporting others in the team
- I have been optimizing service performance: Implementing EhCache to all our services
- I have been designing and developing new API for automating creation new tax clients onboarding process.
- I have been working on the EY Tax Project is about calculating certain types of companies' taxes.
- I have integrated cache implementation to all our services for boosting our microservices' performance
- I have been designing and developing new API for automating creating new clients.
- I have integrated Application-Insights agent to the services for monitoring and health check.
- I have created exception and availability rules on Azure Application Insights for the services.
- I have upgraded Java11 to Java17, and SpringBoot 2.7 to SpringBoot 3.0
- I have migrated Swagger Springfox to OpenApi
- I have migrated our repositories from Azure Repo to Github
- I have adopted CI/CD pipelines with Azure DevOps.
- I have deployed microservices on AKS(Azure Kubernetes Service) with Azure CI/CD.

Technologies I have been using:

- Java, Springboot are used for microservices.
- Cloud platform: Azure CI/CD Pipeline and Azure AKS.
- Monitoring: Azure Application Insights

Technical Skills

- Java
- Javascript
- HTML
- Spring Boot
- Docker
- Kubernetes
- Azure Kubernetes Service
- Azure DevOps
- Kafka, RabbitMQ
- MSSQL, Couchbase
- Elasticsearch
- Microservice
- Rest, gRPC, GraphQL
- Github, Jenkins
- Redis, EhCache

In learning progress

- ReactJS, Golang
- AWS

Personal Skills

- Diligent
- Result Oriented
- Having strong and clear communication
- Eager to learn
- Loves to share knowledge
- A good team player

Taken

Recommendations

<https://www.linkedin.com/>

- API Gateway: ApiGee
- Database: MS SQL, Databricks
- Testing frameworks: JUnit, Mockito

Hepsiemlak: Senior Software Engineer
Istanbul, Turkey - February 2022 - July 2022

I was as a Senior Software Engineer responsible;

- closely working with product managers and keeping in touch with other technical teams.
- developing of highly available software projects.
- responsible to design Restful APIs and microservices. Designing backends for frontend.
- adopting CI/CD pipelines with Jenkins.
- deploying projects on Kubernetes with docker containers.
- running code review sessions, technical analysis, and ensuring code quality.
- Our tech stack includes many modern software lifecycle solutions.
- We were developing microservices mostly based on Spring Boot with Java 17 - 11.
- On data management, we were using both Rdms and Document-based solutions such as MsSql, Couchbase, and Elasticsearch.
- On message streaming, we are using RabbitMQ.
- We were integrating and running our ci/cd pipelines with Jenkins.
- We were deploying our applications to production on Kubernetes with docker containers.
- Our team was really awesome, we were working with agile ways for better software quality.

Garanti BBVA Teknoloji: Software Engineer
Istanbul, Turkey - January 2014 - July 2021

My responsibilities were:

- Mentoring newbie colleagues for 3 years.
- Working with different teams and managers to develop the projects.
- Working on lots of different highly available software projects including renewal www.garanti.com.tr site, smart assistant project, and so on.
- Implementing and updating application modules under the direction of Senior Software Developers.
- Effectively coding software changes and alterations based on specific design specifications.
- Closely working with product managers and keeping in touch with other technical teams.
- Designing and developing Restful APIs and microservices.
- Adopting CI/CD pipelines with Jenkins.
- Deploying projects on OpenShift.

Our tech stack included many software tools and lifecycle solutions.

- We developed microservices mostly based on Spring Boot with Java 8.
- On data management, we used both RDMS such as Oracle and DB2.
- On message streaming, we used RabbitMQ.
- We integrated and run our ci/cd pipelines with Jenkins.
- We deployed our applications to production on Openshift.

Alcatel-Lucent: Software Engineer

Certifications

- Introduction to Generative AI, issued by Google
- Introduction to Large Language Models, issued by Google
- Developing Enterprise Applications Using Spring
- Effective Java Using Design Patterns
- Clean Code with Java

Conferences

- O'Reilly Software Architecture Conference Oct. 2018 London
- SpringOne Tour Istanbul Conference April 2019 - Sept. 2018
- Oracle Code Explore March 2019 Istanbul
- JavaDay March 2019 Istanbul

Hobbies

- Reading
 - Swimming
 - Psychoanalysis
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Istanbul, Turkey - June 2013 - December 2013

- I worked in Alcatel-Lucent for 6 months. I developed some part of PAS Project using C# and Visual Studio. Also some interfaces as following were used;
- CLI, SNMP, TL1, Telnet and SQL. The important point of project provides integration between two phase which are communicator and configurator phase. Communicator is auditing Network Elements(NE) which are based on IMS. Configurator is automizing parameter configuration. Specifically CTS NE configurator was developed.

Projects

1- Adding Cache Layer to the Services

When I started working at EY, first thing I've realized that services's performance were quite slow. I worked on optimization of services at EY. Since our applications were read-heavy, I've added cache layer to the all services using EhCache. After adding that layer our services' performance about 70% improved. The reason behind choosing EhCache was that no required different instance, lightweight, easy-to-implement. Since we do not have different instance for allocating to Cache, I went for EhCache.

2- Integrating Azure Application Insights Agent to the Services

At Ey, We had just logs to monitor some of our services when errors happened. There was strong requirement for monitoring and health check integration tools. So, I integrated Application Insights Agent to the services and thanks to the integration we were able to detect and monitor services failures much better and quicker.

3- Smart Assistance – Chat Bot Application

I'm really proud to work on Garanti BBVA Bank Smart Assistance(Chatbot) project in the past. It was an AI-based bot application project. The project has been consisting of different layers, components, and phases. Each component was developed by different teams and this provided us to collaborate with different teams. Moreover, each layer had different tech stacks such as; the backend of the project was developed as microservices with Java. Also, for AI, Speech Recognition, Speech to Text, and Text to Speech parts (these are third-party applications) was integrated. Lots of other tools were used in development like Openshift for cloud, Splunk, Dynatrace, and Kibana for logging and

monitoring. All of these gave me great insight and knowledge. My responsibility was mostly to develop microservices with Java, and Springboot. But also I developed some parts of the front-end with Javascript.

4- Renewal garanti.com.tr website

We developed new forms and apps for renewing Garanti.com.tr. We used Spring boot and Java for the backend side. Adobe Experience Manager and Javascript and Lit-element using for the microfrontend components. Also, we used Openshift for cloud, Splunk, Dynatrace, and Kibana for logging and monitoring. My responsibility was mostly to develop microservices with Java, and Springboot. But also I developed some parts of the front end with Lit-element.

Education

Yıldız Technical University: Computer Engineering 2009 - 2013