Ibrahim Halil Ates

Senior Software Engineer

👤 Profile

- Eager to learn with great perseverance and loves to share
- Writes constantly about tech and life experiences on Medium, LinkedIn
- A follower of the SOLID, DRY, and KISS principles.
- Currently developing microservices using Java 17, Java 11 and Spring Boot. Deploying microservices on Azure Kubernetes Service(AKS)
- Curious and learning Cloud related technologies
- Learning and improving my leadership and management skills

🎓 Education

Computer Engineering, Yildiz Technical University, Istanbul

September 2008 — June 2013

💼 Employment History

Senior Software Engineer at EY via Orion Innovation, US(remote)

July 2022 — Present: https://www.ey.com/en_us

- I have been working on the EY Raptor Tax Project is about calculating certain types of companies' taxes

My responsibility:

- Developing high-quality, modern, and scalable application software contributing towards business and regulatory goals
- Performing code reviews to ensure design and coding standards are upheld
- Contributing to architectural standards, developing best practices, and promoting adherence to these standards
- Release planning and support post-release
- Influence the strategy of the team
- Mentoring and supporting others on the team

Some highlights of what I have done since I have been working here:

- Optimizing service performance: Implementing EhCache to all our services
- Designing and developing new API for automating creation new tax clients onboarding process.
- Integrating Application-Insights agent monitoring tool for monitoring and health check. Creating exception and availability rules on Azure Application Insights for the services.
- Upgrading Java11 to Java17, and SpringBoot 2.7 to SpringBoot 3.0
- Migrating Swagger Springfox to OpenApi

Technologies I've been using:

- SpringBoot, Java(17, 11), JUnit, Mockito, Git is used for microservices.
- Cloud platform: Azure CI/CD Pipeline and Azure AKS.
- Azure Application Insights, MS SQL, Databricks

Communication Details

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Links

linkedin.com/in/atesibrahim
github.com/atesibrahim
medium.com/@ibrahimates

Received Recommendations

https://www.linkedin.com/in/atesibrahim/details/recommendations/

Skills

Java

Spring Boot

Microservices

Docker, Kubernetes

Git, Bitbucket

Rabbit MQ

Swagger

JUnit, Mockito

MsSQL, Couchbase, ElasticSearch

Personal Skills

Clear communication

Eager to learn

Loves to share knowledge

A good team player

Easy to work with

Diligent

Hobbies

Reading

Swimming

Fancier of psychoanalysis

Senior Software Engineer at HepsiEmlak, Istanbul
February 2022 — July 2022 : https://www.hepsiemlak.com/en

- I was responsible for designing, developing and optimizing Restful APIs and microservices.

- I was also mentoring newbee collagues and onboarding process.

- I was communicating with required teams such as DevOps, Mobile teams when any type of urgency occurred.

- I was using various type of very recent technologies. For developing microservices I was using Spring Boot with Java 17 and Java 11.

- On data management, I was using both RDMS and Document-based solutions such as MsSql, Couchbase, and Elasticsearch.

- For asyncronous communication, I was 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.

Software Engineer at Garanti Technology, Istanbul
2014 — 2021: https://www.garantibbva.com.tr/en

- Worked as Software Engineer at Garanti Technology which developes software projects for Garanti BBVA bank which as one of biggest private Bank in Turkey.

- Mentored newbie colleagues for 3 years.

- Worked with different teams and managers to develop the projects.

- Worked on lots of different highly available software projects including renewal www.garanti.com.tr site, smart assistant project, and so on.

- Implemented and updated application modules under the direction of Senior Software Developers.

- Effectively coded software changes and alterations based on specific design specifications.

- Closely working with product managers and keeping in touch with other technical teams.

- Designed and developed Restful APIs and microservices.

- Adopted CI/CD pipelines with Jenkins.

- Deployed 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.

Software Developer at Alcatel-Lucent, İstanbul
June 2013 — December 2013

- Worked as junior Software developer, used C# for developing.

📋 Projects

1- Maydanoz Application

We have developed maydanoz app which simplifies the works of real estate agents with AI. I was part of the backend development team to develop backend services and lambda functions with typescript. The tech stack I've used includes Typescript, ReactJs, Lambdas, DynamoDB, CloudWatch, and CDK, Amplify.

2- Renewal garanti.com.tr

We have developed new forms and apps for renewing Garanti.com.tr. We have used Spring boot and Java for the backend side. Adobe Experience Manager and Javascript and Lit-element using for the frontend side. 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.

3- Smart Assistance – Chat Bot Application

Smart Assistance bot is an AI-based bot application project. The project has been consisting of different layers and phases. The frontend project has developed with mobile development(IOS and Android) and web(Javascript). The backend of the project has developed with microservice architecture(Java). Also, the Backend side of the project includes AI, Speech Recognition, Speech to Text, and Text to Speech parts (these are third-party applications). We used lots of tools in development like Openshift for cloud, Splunk, Dynatrace, and Kibana for logging and monitoring. We developed microservices with Spring boot.

My responsibility was mostly to develop microservices with Java, and Springboot. But also I developed some parts of the front-end with Javascript.

Other projects which I worked on as follows

4- Stock Exchange Transfer Project
5- Call Center Script Management
6- Customer Affluent Calculation and Reporting
7- Collection of Commercial Credits
8- Tracking Customers' Insurance Bonus
9- Tracking POS Account and GOSAS's Claims
10- Using IFRS9 Standard to Collecting Collateral

Attending Conferences

- Attending O'Reilly Software Architecture Conference / Oct. 2018 London

- Attending SpringOne Tour Istanbul Conference / April 2019 - Sept. 2018

- Attending Oracle Code Explore Istanbul / March 2019

- Attending JavaDay Istanbul / March 2019

Certifications

- Become a certified Developing Enterprise Applications Using Spring.

- Become a certified Effective Java Using Design Patterns.