

MARIUS SPÎNU

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Skills

- Java | Spring Boot | Spring Cloud | Spring MVC | Apache Kafka | AWS | Terraform | React JS | REST | Git
- Docker | Testcontainers | Contract Testing | Integration Testing | Redis | Aerospike | Maria DB | MySQL
- ELK Stack | Grafana | Microservice | DDD

Experience

Tevvo

Bucharest, Romania

11/2023 -Present

Software Engineer (mostly backend, sometimes full stack)

- Implemented backend features using Domain-Driven Design (DDD) and Hexagonal Architecture.
- Implemented unit / integration tests.
- Wrote software design documents (Markup, PlantUML)
- Developed REST API following the OpenAPI specification guidelines.
- Configured apache kafka settings for spring boot services using spring cloud stream framework. (EOS, idempotence)
- Automated infrastructure setup by creating infrastructure scripts with Terraform.
- Enhanced frontend functionality by using React JS to interact with AWS Cognito API used for identity management.
- Created a proof of concept in react js that resulted in a virtual assistant that transcribed speech-to-text, using AWS bedrock and AWS transcribe API.
- Handled release management process (preparing deployment artifacts, preparing release branches, tags, preparing documentation pages, runbook pages, performed cherry picks when needed, hotfixes)
- Held scrum meetings such as: daily, retrospective, estimation sessions.

Stack : Spring Boot, Spring Cloud Stream, Terraform, Git, AWS, REST, React JS, Docker, Apache Kafka, OpenApi, PostgreSQL

Playtika

Bucharest, Romania **3.9 y** **02/2020 -10/2023**

Backend Software Engineer

- Implemented backend features to the company's social games' existing microservices
- High maintenance on ~ 5 spring boot microservices, provided support for feature teams (bug fixing, change requests, knowledge sharing)
- Wrote software design documents (Markup, PlantUML)
- Implemented REST APIs
- Implemented all sorts of tests: unit, integration, contract and functional..
- Developed consumer and producer services that used apache kafka. (Spring Cloud Stream)
- Implemented from scratch two java micro services from outdated scala services, using mostly reverse engineering. One had the responsibility to send notifications to users, using AWS SNS api; and the other was a scheduler that worked as an adapter between two incompatible databases, in order to keep them both updated.
- Implemented a wrapper over the team's public api gateway which used spring cloud gateway at its base, added routes, filters and rate limiters for managing requests.
- Implemented and tuned SQL scripts.
- Used ELK stack for monitoring and adding logging information, also CI/CD tools such as jenkins or teamcity for building and deploying artifacts.

Stack : Spring Boot, Spring MVC, Spring Cloud, OpenApi, Apache Kafka, Git, Jenkins, Teamcity, Redis, Aerospike, Maria DB, MySQL, Grafana, Kibana, Logstash.

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Backend Software Engineer

Ausy

Bucharest, Romania **1y** 02/2019 - 02/2020

- Involved in enhancing a web application regarding electronic visas and border control for a country's minister of defense.
- Implemented REST Apis using JAX-RS and various business case requirements
- Wrote functionality for generating PDF using mustache java for the emails sent by the team's SMTP module.
- Implemented unit tests and integration tests using Arquillian
- Migrated SQL scripts using Flyway

Stack : Git, Jenkins, JAX-RS, Flyway, JPA/EclipseLink, Arquillian, Java EE, MySQL.

Backend Software Engineer

Fortech

Iasi, Romania **1y** 11/2017 - 11/2018

- Adding new functionalities inside a monolithic web application owned by an automotive company. The application was a vehicle configurator.
- Created templates using JSF and JSP.
- Bug-fixing, analyzing and implementing business requests, writing unit tests.

Stack : Java EE, SVN, WebSphere, JSF, JSP, OpenJPA.

Android Developer Intern

Movial (aquired by Microsoft)

Iasi, Romania **1 m** 07/2015 - 08/2015

- Tasked with implementing the process of adding products to a shopping cart, querying products based on certain criteria and also with caching mechanisms for graphical images, smooth scrolling and screen adaptation.

Stack : Android SDK, Java SE, Git, SQLite, Facebook/Google Api.

Education

Bachelor of Science

Faculty of Computer Science,
Alexandru Ioan Cuza University

Iasi, Romania **3 y** 10/2014 - 07/2017

- Major in Computer Science and Computer Engineering

Certifications

- Oracle Certified Associate, Java SE 8 Programmer