

Nudzejma

Senior Full-Stack Web Developer

SUMMARY

- 4 years experience with Java, Kotlin
- 4 years experience with microservices (soa, event driven...)
- 1,5 years experience with RabbitMQ
- Learning the principles of software development has provided me with valuable experience and an understanding of design thinking methodologies. I have strong fundamentals in algorithms, OOP, data structures, different architecture types, etc.
- Advanced English

TECHNICAL SKILLS

Main Technical Skills	Java (4 yr.), Kotlin (4 yr.)
Programming Languages	Java (4 yr.), Kotlin (4 yr.)
JavaScript Frameworks	Angular
UI Frameworks, Libraries, and Browsers	CSS, HTML
Java Frameworks	Hibernate, Spring Boot
Java Libraries and Tools	JPA
Android Libraries and Tools	Kotlin (4 yr.)
.NET Platform	.NET, .NET Core
Databases & Management Systems / ORM	AWS ElasticSearch, Cassandra, Hibernate, Microsoft SQL Server, NoSQL, PostgreSQL, SQL
Cloud Platforms, Services & Computing	AWS
Amazon Web Services	AWS ElasticSearch
QA, Test Automation, Security	Apache Maven, Unit Testing



Deployment, CI/CD & Administration	CI/CD, Gradle, TeamCity
Version Control	GitLab
Methodologies, Paradigms and Patterns	MVC
Message/Queue/Task Brokers	RabbitMQ (1 yr.)

EXPERIENCE

Software developer, Virgin Pulse

01/03/2022 - Current

Primarily working as a full-stack developer on micro-services based on Java/Kotlin language.

In this role my main focus was on:

- Getting a better understanding of these languages by learning new things and actively doing PR reviews.
- Diving more into back-end technologies and started working with Lombok and SQL H2O migrations.
- Getting familiar with AWS (Amazon Web Services) (mostly: IAM with SG, SNS, SQS, EC2, ElasticSearch, S3) and Terraform.
- Understanding and tuning existing CI/CD, adding GitLab jobs (pipeline with new checks) and implemented SonarQube integration.
- Getting familiar with Kafka and Kafka Streams. Using an ES sink connector via Kafka Streams.

One of the challenges that I encountered in this role:

- Did several ES (ElasticSearch) seminars and courses to gain knowledge and improve our ES size/capacity, shards, nodes, ES querying, and Indices.
- I managed notification transport (SNS and SQS in AWS) by creating infrastructure resources in Terraform. With notification transport, I implemented a Java code that enabled uploading JSON files into the S3 bucket in AWS.
- JSON files were filled and chunked, with data pulled from ES.

Software developer6 Virgin Pulse

01/11/2021 - 01/03/2022

During this position, I was getting familiar with micro-service architecture in depth.

As an full-stack developer I worked on:

- MVCs and MVPs in Java/Kotlin on the back-end and Angular on the front-end.
- Using JPA, SpringBoot, with Java/Kotlin services.
- Getting more familiar with Apache Casandra and PostgreSQL databases.
- Doing PR reviews.
- Deploying code on all of the environments via TeamCity, GitLab CI/CD pipeline and Harness.



- Contributed to micro-service with AWS ElasticSearch (ES) sync and eventually I become the only person to take care of the micro-service and its function.
- Getting familiar with ML and AI purposes and coding in Python with several algorithms and AI methodologies.
- Started working with Amazon Web Services.
- Observability with New Relic and Kibana, to deep dive and find root cause related to micro-services.

In this position, I was a mentor to 2-3 new persons on the team. OnBoarding and pair-programming with them. Wrote a few technical/setup articles. I become a supporter person for the company's Bootcamp. Also was the company contact person for Docker related issues, and local setup.

Associate Software developer6 Virgin Pulse

01/08/2020 - 01/11/2021

As an Associate Software developer, I learned about business logic of the Company and completed in-house developer bootcamp program.

In this bootcamp program I had:

- Took several courses in Java, and worked on automation testing and unit testing in Java and Kotlin.
- Worked with Appium and Cucumber.
- Learned more about OOP and its fundamentals.
- Getting familiar with Agile and Scrum principles.
- Coded in Android studio with Kotlin and also coded in Swift for the IOS applications.
- I coded the web application backend in Kotlin and Java, combined with BitBucket. I had to do Database migrations with Apache Cassandra and PostgreSQL.
- I did a code inspection via TeamCity.
- Code covered with Integration and Unit tests in both Java and Kotlin.
- Getting familiar with Insomnia and Postman (API platforms).
- I did frontend coding of a Web applications with Angular, SCSS, Bootstrap, and HTML.

EDUCATION

Bachelor of Software Engineering

Faculty of Information Technologies, University "Džemal Bijedić" in Mostar
01/10/2021 - 23/11/2022

- Unit and Integration testing in ASP .NET technology.
- Expanded knowledge about ML, AI algorithms and theirs methodologies.
- Learned about Arduino implementation.

Bachelor's degree in Information Technology

Faculty of Information Technologies, University "Džemal Bijedić" in Mostar
01/10/2017 - 15/10/2021

- Getting familiar with C++ and learning the basics of Programming Languages with Architecture.
- Learned about Design, Coding principles and OOP.
- Getting familiar with SQL Server DB and UML diagrams.
- Learned about C#, ASP .NET technology, DB integration, Docker, Swagger,



- Authentication and Authorization principles.

