

Mihnea Lazar



Senior Software Engineer □ Team Lead □ Freelancer □ Consultant

Cluj-Napoca, Romania / [croc.space](#) / [github.com/lzrmihnea](#)

Solving business needs □ with scalable software □ for high load processing on cloud infrastructure □, all while growing performant remote and hybrid teams □, using Agile SCRUM and Software Craftsmanship practices □, leading to increased productivity, improved software delivery, and higher employee satisfaction □.

/* WORK EXPERIENCE */



BEEKEEPER

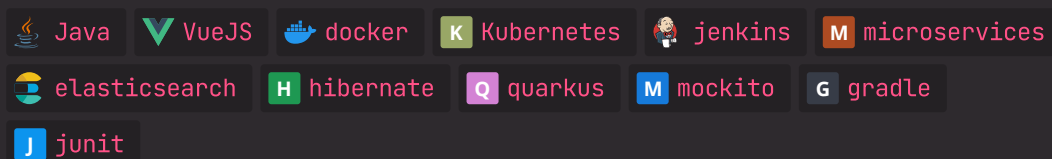
Senior Software Engineer / Apr 2022 - Present

□ Technologies: Java, Quarkus, Docker, Vue.js, Jenkins, Grafana, Kubernetes, AWS, GCP, Gradle

□ Responsibilities:

1. Full-stack development, focused on back-end work in small team of 4 members.
2. Plan, scale, deliver, test, so as features were developed and successfully delivered within 2 sprints.

□ Accomplishments: Delivered large feature within small SCRUM team which upsold for ~10k EUR per client, having 3 clients within the first month.





KLEVV

Senior Software Engineer Team Lead / Mar 2021 - Apr 2022

Software development on microservices with K8s deployment, using Agile and Software Craftsmanship practices.

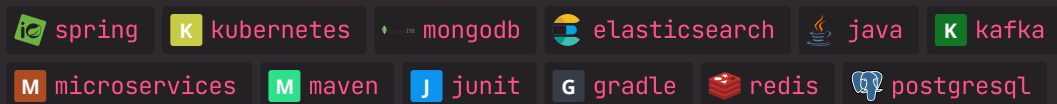
□ Technologies: Java, Spring Boot, Elasticsearch, Kubernetes, Kafka, MongoDB, Redis, GitLab, SonarQube, Maven

□ Responsibilities:

1. Technical leadership for team of 5-7 developers
2. Structured team workflow for improved deliverability and predictability (from 10% SP to 60% SP delivered)
3. Deliver microservices for key business features, high-processing of events (~1000events/sec, ~10sec pipeline analysis time)

□ Accomplishments:

1. Improved SCRUM workflow and guidelines which were used as templates for multiple teams, to enable metrics, charts and 60-70% enhanced predictability of delivered work, all while increasing autonomy of teams
2. Developed business features for analytics on statistics pipeline which grew from 8 to 12 microservices, while keeping NFR and high event processing parameters
3. Scaled up future team leads for handover



□ Technologies:

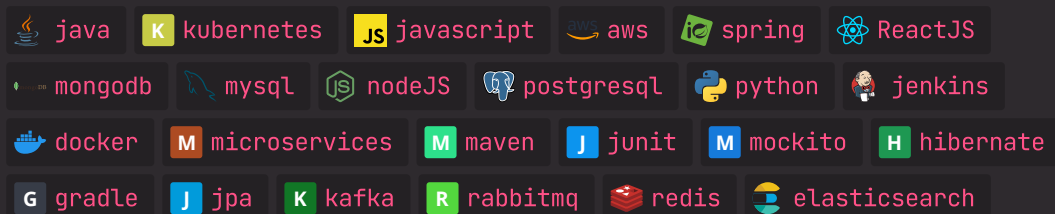
1. Backend : Java, Spring Boot, Go, Python, Node.js
2. Persistence: Elasticsearch, MongoDB, Redis, MySQL, PostgreSQL, Oracle
3. Operations: Kubernetes, AWS, Gradle, Maven, Gitlab, SonarQube, GCP
4. Messaging: RabbitMQ, Kafka
5. Frontend: React, Angular, Vue.js, JavaScript

□ Responsibilities:

1. Proposing and establishing solutions and architecture to solve clients' business needs.
2. Full-stack Development on SOA, Micro-services, Brokers, Cloud architectures, with both relational and non-relational DBs.
3. Technical leadership for development and mixed teams.
4. Technical mentoring for career growth of developers.
5. Technical trainings: Java, Spring, Design Patterns, Enterprise Integration Patterns, Software Architecture, Unit Testing.

□ Accomplishments:

1. Multiple technical solutions delivered within agreed estimations, improving business for my clients.
2. Development process improved across multiple teams from story creation, to coding, and scaling up future leads.
3. Continuous positive feedback and recommendations from clients, managers and development team.



F

FASTTRACKIT - CERTIFIED PROGRAMMING COURSES

Technical Trainer / Oct 2020 - Oct 2021

Technical trainer for Java development.

Also included in curricula:

- OOP, Algorithms
- VCS
- Java language explanations
- Relational Databases, Hibernate
- APIs (REST, SOAP, Queues, Topics)
- Spring Boot
- Unit testing, Integration testing



Java



OOP



spring

U

UNIVERSITATEA „BABEȘ-BOLYAI” DIN CLUJ-NAPOCA

Associate Professor / Oct 2017 - Jul 2019

Design Patterns course + lab.

<http://www.cs.ubbcluj.ro/files/orar/2017-1/cadre/lami.html><http://www.cs.ubbcluj.ro/files/orar/2019-1/cadre/lami.html>

design patterns



java



solid

A

ACCESA.EU

Java Competence Area Lead / Nov 2016 - Feb 2021

□ Responsibilities while coordinating the 80-100 member Java Community inside our company.

- coordinated 2 internships with 10-14 interns and 20-25 mentors, hiring rate was 100%
- establishing relevant competencies for roles and levels (Junior, Mid, Senior)
- helping establish career path and relevant learning resource allocation
- engagement with community (internal & external), through various events and opportunities



MSG SYSTEMS ROMANIA

Associate Software Developer / Aug 2013 - Nov 2016

□ Technologies:




Spring, Hibernate, OSGi, Oracle

□ Responsibilities:

1. Develop backend software for multiple banking clients from the region of Western Germany.
2. Worked in a 30 developer SCRUM-of-SCRUMs methodology, split into 3 teams, with oral communication and code were written in German.

□ Accomplishments:




1. Established positive team communication with German colleagues, as being the first non-German team they worked with
2. Successfully delivered quarterly product releases

 spring  hibernate  junit



NSPYRE

Intern / Jul 2012 - Aug 2012

 c  arduino  iot

/* PROJECTS */

C

CROC.SPACE JEKYLL BLOG

Mar 2017 - Apr 2017

croc.space

At the time of writing this (June 2017), this project is used as croc.space blog.

Simple blog with static pages created from markdown processing with Jekyll.

- Jekyll used to create static .HTML pages from .MD or .MARKDOWN formats
- GitHub used for building and hosting (<https://lzmihnea.github.io/> , <https://github.com/lzmihnea/lzmihnea.github.io>)
- HTTPS added and redirect towards secure connection from HTTP
- MailChimp used for subscriptions
- Disqus used for comments

J

jekyll

JS

javascript

N

null

I

INFOTRANSPUB

Oct 2016 - Jan 2017

github.com/lzmihnea/infotranspub-backend

Self-organized project which aims to centralize all information regarding public transport at a national level.

Project aims to create a model that corresponds to General Transit Feed Specification model, used also by Google. (<https://developers.google.com/transit/>)

This way, an API for the national public transport systems of Romania could be provided for other applications and our applications, and used by citizens and visitors of Romania.

The aim is to integrate the public transport systems from as many cities and agencies as possible into our API.

Team communication: Slack

Project organization: JIRA for Scrum Agile board and Wiki

Technologies:

- Spring for integration, rest api, dependency injection
- JPA for ORM mapping, with DB tables generated from there
- PostgreSQL DB
- Git repository

S

spring

☕

java

H

hibernate

J

junit

M

mockito

M

maven

G

gradle

M

microservices

P

PORTAL

Mar 2014 - Nov 2016

[linkedin.com/in/lzr-mihnea/overlay/urn:li:fsd_profileProject:\(ACoAAA3j5dQBNH0g8NS_HNqNtdUfKdZZwY_6MUK,1449099508\)/creators?profileUrn=urn%3Ali%3Afsd_profile%3AACoAAA3j5dQBNH0g8NS_HNqNtdUfKdZZwY_6MUK](https://www.linkedin.com/in/lzr-mihnea/overlay/urn:li:fsd_profileProject:(ACoAAA3j5dQBNH0g8NS_HNqNtdUfKdZZwY_6MUK,1449099508)/creators?profileUrn=urn%3Ali%3Afsd_profile%3AACoAAA3j5dQBNH0g8NS_HNqNtdUfKdZZwY_6MUK)

Complex cluster of inter-connected financial applications for banking environment.

Technologies involved:

- Eclipse core for UI components
- Spring and JEE for dependency injection
- OSGi and Ivy for frameworks
- CruiseControl, Sonar for infrastructure
- JIRA and internal Wiki for organization
- Oracle and DB2 databases
- Mercurial repos
- Agile SCRUM methodology

Team-working and communication were necessary and imperative for the projects.

/* EDUCATION */

TECHNICAL UNIVERSITY OF CLUJ NAPOCA

Master's Degree, Electrical and Electronics Engineering / Jan 2013 - Jan 2015

TECHNICAL UNIVERSITY OF CLUJ NAPOCA

Bachelor of Engineering (B.Eng.), Automation and Computer Science / Jan 2009 - Jan 2013

UNIVERSITÉ POLYTECHNIQUE HAUTS-DE-FRANCE

Mechanical Engineering / Jan 2013 - Jan 2013

Studied for a semester with an Erasmus scholarship, in the purpose of realizing my bachelor diploma thesis. Technologies used:

- MATLAB, with notable used libraries: Simulink, GUIDE.

/* CERTIFICATES */

Certified Trainer

Apr 2019

Oracle Certified Associate, Java SE
8 Programmer

Jun 2017

Cambridge ESOL Level 2 Certificate

Dec 2008