

# Mihnea Lazar



Senior Software Engineer & Team Lead

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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 ☐.

/\* WORK EXPERIENCE \*/



KLEVV

Senior Software Engineer Team Lead / May 2021 - Present

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

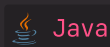
☐ Technologies: Java, Spring Boot, Elasticsearch, Kubernetes, Kafka, MongoDB, Redis, GitLab, SonarQube, Maven

☐ 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



Java



Kubernetes



MongoDB



spring

## R

## REMOTE WORK

Senior Software Engineer / Mar 2021 - Present

## □ Technologies:

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

## □ Responsibilities:

1. Backend development with experience on micro-services architecture
2. Proposing and establishing solutions and architectures to solve clients' business needs
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 processes improvement across multiple teams from story creation, to code writing, to scaling up future leads
3. Continuous positive feedback from clients, managers and development team





## KLEVV

Senior Software Engineer / Mar 2021 - May 2021

Software Development for Analytics Pipeline for an SaaS product in a micro-service architecture with K8s deployment.

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

□ Responsibilities: Backend development in microservices architecture for a statistics analysis system (>10000events/sec, ~10sec pipeline analysis time)

□ Accomplishments:

1. Took over statistics pipeline development within a month, composed of 8 microservices, developed and managed 2 new microservices for improved analytics and improved 4 previous microservices
2. Migrated 4 microservices from pure Java to Spring applications



Java



Kubernetes



MongoDB



spring



## ACCESA.EU

Java Competence Area Lead / Nov 2020 - 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



Java

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**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

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**ACCESA.EU**

Senior Software Engineer / May 2020 - Feb 2021

□ Technologies:

Node.js, React.js, Java, Spring Boot, REST APIs, JUnit, PostgreSQL, RabbitMQ, CloudFoundry

□ Responsibilities:

1. Develop backend and frontend features and unit tests
2. Adapt to new programming languages and frameworks (js-based)
3. Maintain client communication to ensure project success in remote team (Romania, Croatia, Germany)

□ Accomplishments:

1. Successfully took over Node.js and React.js project from another development team
2. Simultaneously coordinated Java Summer Internship for a team of 6 interns and 8 mentors.



Java



NodeJS



PostgreSQL



ReactJS



spring

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**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>

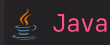
**A****ACCESA.EU**

Competence Center Coordinator / Jan 2017 - Nov 2020

Coordinated the learning & development budget for 80-100 Java colleagues inside our Business Unit.

Activities focused around development of knowledge and capabilities, such as:

- identifying and matching relevant conferences to colleagues
- external training with topics suited for our projects
- evaluating needs inside competence center and solutions for said needs
- internal trainings with knowledgeable colleagues for topics relevant to our projects
- matching colleagues for mentorship inside Competence Center



/\* 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://lzrmihnea.github.io/> , <https://github.com/lzrmihnea/lzrmihnea.github.io> )
- HTTPS added and redirect towards secure connection from HTTP
- MailChimp used for subscriptions
- Disqus used for comments

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## INFOTRANSPUB

Oct 2016 - Jan 2017

[github.com/lzrmihnea/infotranspub-backend](https://github.com/lzrmihnea/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

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## 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.

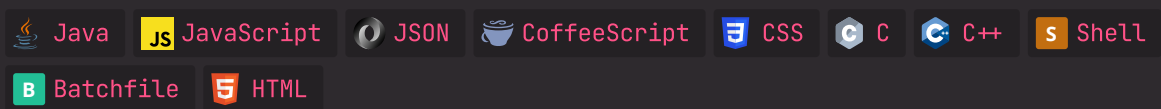
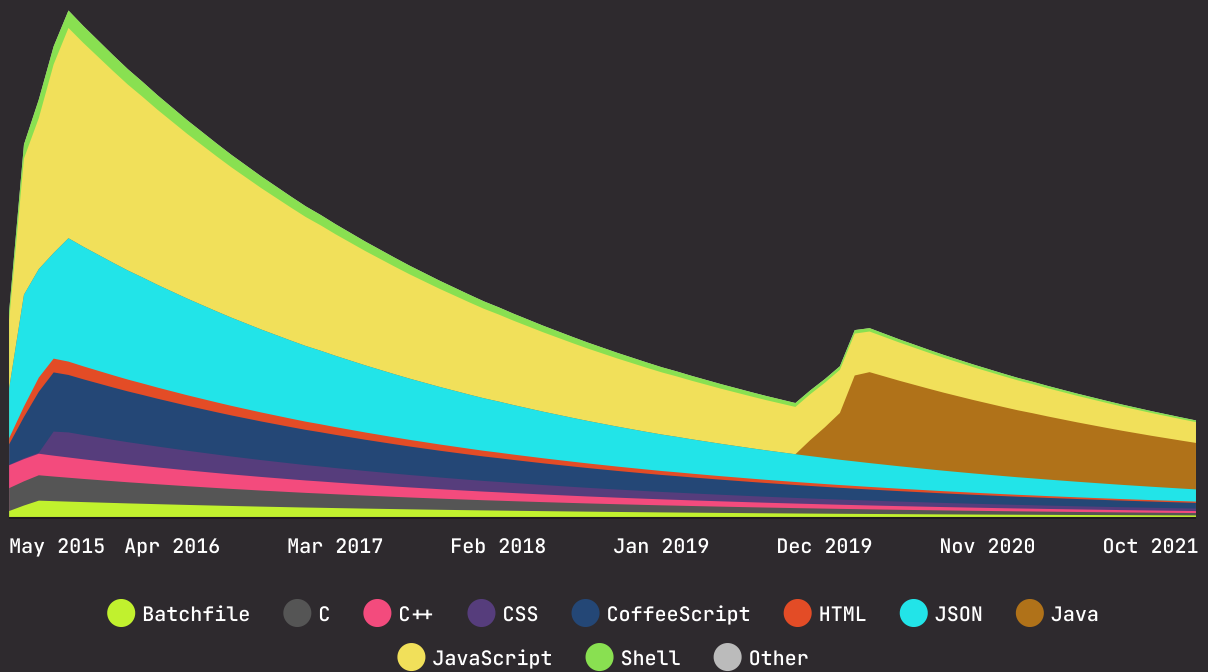
/\* CERTIFICATES \*/

Certified Trainer  
Apr 2019

Oracle Certified Associate, Java SE  
8 Programmer  
Jun 2017

Cambridge ESOL Level 2 Certificate  
Dec 2008

/\* PROGRAMMING LANGUAGES \*/



/\* TECHNOLOGIES & LIBRARIES \*/

