Mihnea Lazar

Senior Software Engineer · Team Lead · Consultant · Freelancer

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.

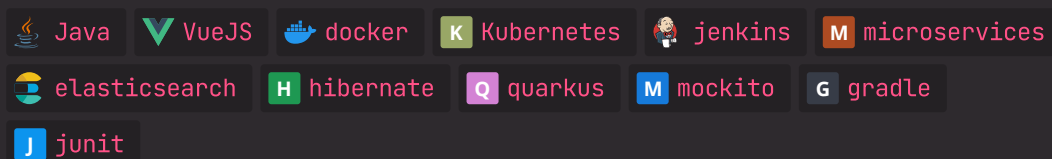/* WORK EXPERIENCE */

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.

Java · VueJS · docker · Kubernetes · jenkins · microservices · elasticsearch · hibernate · quarkus · mockito · gradle · junit

KLEVU

Senior Software Engineer Team Lead / Mar 2021 - Apr 2022

Software development on microservices with K8s deployment, using Agile and Software Craftsmanship practices.
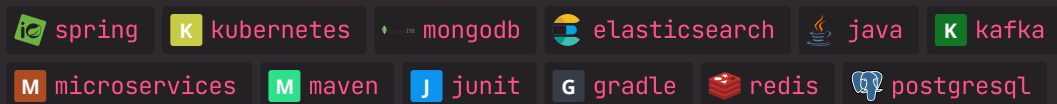
Technologies: Java, Spring Boot, ElasticSearch, Kubernetes, Kafka, MongoDB, Redis, GitLab, SonarQube, Maven

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

🍃 spring   ☸ kubernetes   🍃 mongodb   🔍 elasticsearch   ☕ java   K kafka   M microservices   M maven   J junit   G gradle   redis   🐘 postgresql

REMOTE WORK

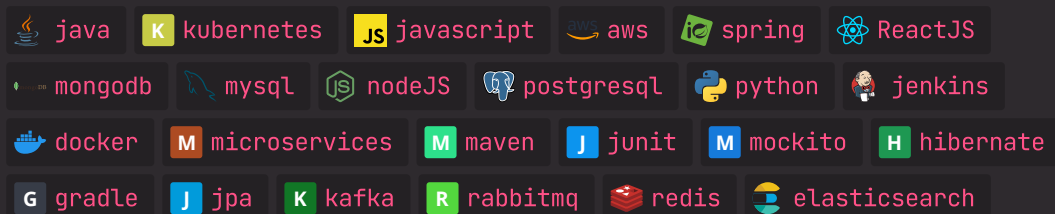Senior Software Engineer / Mar 2021 - Present

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.

java · kubernetes · javascript · aws · spring · ReactJS · mongodb · mysql · nodeJS · postgresql · python · jenkins · docker · microservices · maven · junit · mockito · hibernate · gradle · jpa · kafka · rabbitmq · redis · elasticsearch
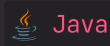
FASTTRACKIT - CERTIFIED PROGRAMMING COURSES
Technical Trainer / Oct 2020 - Oct 2021

Technical trainer for Java development.
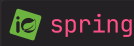
Also included in curricula:

- OOP, Algorithms

- VCS

- Java language explanations

- Relational Databases, Hibernate

- APIs (REST, SOAP, Queues, Topics)

- Spring Boot
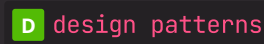
- Unit testing, Integration testing

☕ Java   O OOP   🍃 spring

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

D design patterns   ☕ java   S solid

ACCESA.EU
Competence Center Coordinator / Java Competence Area Lead /
Jan 2017 - 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

ACCESA.EU

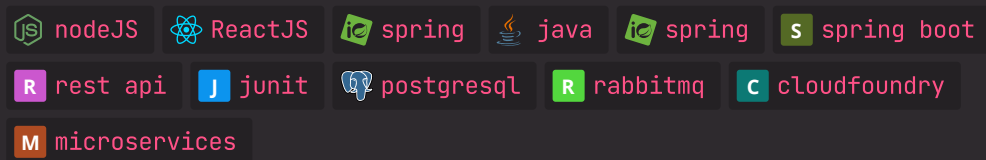Senior Software Engineer / May 2020 - Feb 2021

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.

nodeJS   ReactJS   spring   java   spring   spring boot
rest api   junit   postgresql   rabbitmq   cloudfoundry
microservices

ACCESA.EU

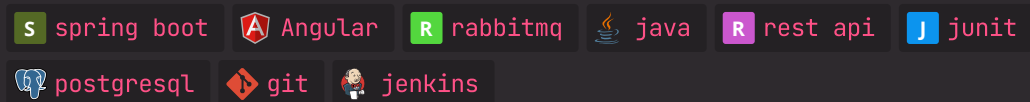Software Architect / Oct 2019 - May 2020

Technologies:

Java, Spring Boot, Angular 8, RabbitMQ, REST APIs, JUnit, PostgreSQL, Git, Jenkins

Responsibilities:

1. Develop backend and frontend features and unit tests
2. Design technological architecture for future features and modules
3. Mentor 3 backend colleagues

Accomplishments:

1. Refactored dynamic translation engine from xls-based translations to a templated service which was rapidly adapted and used in 7 new views for varying domain types requiring dynamic translations.
2. Created skeleton for new micro-service for asynchronous notifications, which was intended for usage in implementing notifications based on events from 4+ client services, destined for varying user types.
3. Simultaneously coordinated the learning & development budget and needs for 80 Java colleagues inside our Business Unit to attend conferences, trainings, to hold internal trainings, and to adapt activities to their needs and other.

S spring boot   **A** Angular   **R** rabbitmq   java   **R** rest api   **J** junit

postgresql   git   jenkins

ACCESA.EU

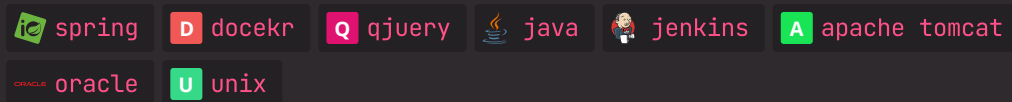Team Lead and Technical Lead / Jul 2018 - Oct 2019

Technologies: Java, Spring framework, Docker, jQuery, Jenkins Apache Tomcat, Oracle, SolidDB, Windows and Unix machine servers

Responsibilities:

1. Lead team of 4-8 developers both technically and non-technically
2. Developed features and tested application
3. Evaluated client needs, suggested and implemented technical improvements
4. Mentored colleagues wherever needed

Accomplishments:

1. Implemented reverse-compatible native query mechanism for DB migration with feature toggle
2. Migrated from windows to Dockerized Unix servers with blue-green deployment model
3. Improved UI/UX with new layout
4. Simultaneously coordinated an internship with 14 interns (9 backend, 5 frontend) and around 20 mentors which delivered a project for a charitable institution
5. Introduced Test Engineer role in team to help with manual and regression testing

`spring` `docekr` `qjuery` `java` `jenkins` `apache tomcat`
`oracle` `unix`

ACCESA.EU

Software Engineer / Nov 2016 - Jul 2018

Technologies: Java, Spring Boot, Kafka, ElasticSearch, Docker, PostgreSQL, Jenkins, Git, Angular.js, OrientDB, NPM, Google Guice

Responsibilities:

1. Developed micro-services to extract and compute e-commerce domain information.
Implemented scalable logic
2. Handled unit and integration testing
3. Ensured code quality via code reviews and SonarQube integration.
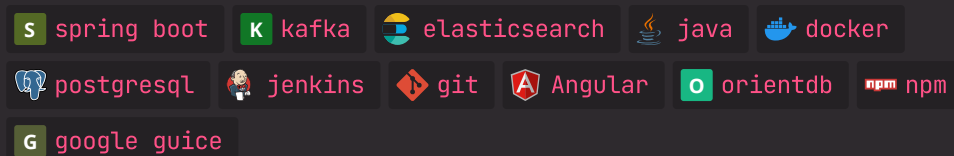4. Worked in SCRUM methodology in distributed team (Romania and Germany)

Accomplishments:

1. Created scalable microservice to compute large batches of product price information based on taxes and discounts from multiple countries.
Distributed workload for scalability using Kafka queues.
2. Organized team of 2 Romanian developers and 2 German business analytics in SCRUM methodology. 3. Implemented best practices and ways of working.
4. Developed backend (Spring Boot) and frontend (Angular.js) micro-service to send scheduled reports via email to interested parties using customizable scheduled jobs extracting product, orders and sales information from ElasticSearch indexes.

s spring boot   K kafka   🔍 elasticsearch   ☕ java   🐳 docker

🐘 postgresql   👤 jenkins   🔶 git   Ⓐ Angular   O orientdb   npm npm

G google guice

M

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   oracle

/* 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