Martin **Čuka**

SOFTWARE ENGINEER

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Summary

- Over 7 years of hands-on expertise in the entire Java ecosystem
- Passionate and proactive sw engineer committed to continuous learning latest trends, best practices and clean code
- 3 years of successful experience as a Technical Lead and line manager
- Successfully developed several enterprise applications with robust API/event-driven architectures, microservices / SOA

Work Experience

Casenet, LLC
Prague, Czech republic

TECHNICAL LEAD
Nov. 2019 - Present

🔨 Java 11, Spring, microservices, Hibernate, Angular, Typescript, Kafka, Debezium, Docker, Okta, Kubernetes, Helm, Istio, AWS
- Optimizing performance of the application
- Splitting extremely complex monolith to microservices (2000+ DB tables)
- Taking responsibility for short term and long term deliveries
- Manage globally distributed teams - US, Czech, India, Spain, Hungary
- Building and cultivating strong engineering practices and processes
- Communicating with US based product managers to understand business requirements
- Presenting in Casenet Academy 101 - Clean Code, Security, Monitoring, Intellij, Java...

IBM - Hypo API
Prague, Czech republic

FULLSTACK DEVELOPER
Aug. 2018 - Nov. 2019

🔨 Java 11, Spring Boot, Hibernate, jUnit, SQL, Angular, TypeScript, Kafka, ElasticSearch, Kibana, Openshift, Docker, Jenkins
- Developed most of the backend - security, database, monitoring, system integration
- Developed few screens - Angular 7, Redux, Service Worker, IndexDB
- Participate in a whole software lifecycle with technical staff and business owners
- Mentor junior developers, doing code reviews. Responsible for code quality and maintainability

IBM - Brasil
Prague, Czech republic

JAVA DEVELOPER
Aug. 2016 - Aug. 2018

🔨 Java 8, Hibernate, Spring, Elasticsearch, AngularJS, Apache Kafka, Maven, ActiveVos BPMS, Teamcity, Weblogic
- Development of integration layer - JAX-RS / JAX-WS, quartz jobs, integration with middleware
- Data migration - oracle, elasticsearch
- Troubleshoot production deployment problems and customers bugs

Skills

Back-end	**Java, Spring framework, Hibernate, Kafka, Rest, SOAP, Maven**, SQL, BPMN, ElasticSearch, Flyway...
Front-end	Javascript, Typescript, Angular, HTML, JSP
DevOps	OpenShift, AWS, Docker, Kubernetes, Helm, Istio, CI/CD - Jenkins
Specializations	Clean Code, Microservices, Service oriented Architecture, Event-driven architecture, Software Engineering, Agile, Team Leader, Management
Languages	English, Czech, Slovak

Education

University of Žilina
Žilina, Slovakia

B.S. IN COMPUTER SCIENCE AND ENGINEERING
Sep. 2013 - Aug. 2016

- **Bachelor thesis**: Online Testing Tool for University of Žilina - spring application used for online tests and automatic evaluation

Czech Technical University in Prague, Drop out
Prague, Czech Republic

M.S. IN COMPUTER SCIENCE AND ENGINEERING
Sep. 2016 - Aug. 2018

- **Master thesis**: SmartTrace - Application for troubleshoot latency problems in microservice architecture
- Attended to highly advanced courses focus on Algorithms, Data Structures, Security, Parallel and Distributing Computing
- Took advanced courses from Red Hat and Profinit focused on Software Engineering, Software Architectures and Quality Assurance

Presentation

Czech Technical University in Prague by Red Hat - Cyber Security using Docker *Prague, Czech Republic*

PRESENTER FOR CZECH TECHNICAL UNIVERSITY IN PRAGUE *Dec. 2017*

- **30 minutes** presentation for Cyber Security course
- Introduced the basic of docker
- Introduced security risks and hands-on demo how to secure application using docker container

Casenet|Zyter - Clean Code *Prague, Czech Republic*

PRESENTER FOR CASENET|ZYTER ACADEMY *Nov. 2022*

- **1 hour** presentation for Casenet|Zyter (Prague, India, US, Poland, Hungary)
- Introduced the needs of clean code
- Live coding and refactoring codebase of Trucare
- Showcase of several pull requests before and after
- Simple tips how to incorporate clean code

Casenet|Zyter - Microservices using Spring Cloud *Prague, Czech Republic*

PRESENTER FOR CASENET|ZYTER ACADEMY *2023*

- **1 hour** presentation for Casenet|Zyter (Prague, India, US, Poland, Hungary)
- Introduces multiple architectures and best practices with focus on microservices
- Introduces new stack from spring cloud - Service Discovery, API Gateway, Circuit Breakers...
- Hands-on demo in Intellij