



CRISTIAN CARTOG

SENIOR SOFTWARE
ENGINEER / TECHNICAL
LEAD

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Sibiu, Romania

SKILLS

- Java, Javascript, Typescript
- Back-End: Spring Framework (Core, Boot, Data, Security, Web), EJB 3.1, JaxRs, JPA
- Front-End: Angular 5, Angular 1, JQuery, CSS, HTML
- DB: Mongo, Oracle, Exasol, MySql, Elasticsearch
- Jira, Confluence, Jenkins
- Git, SVN
- Nomad, Docker
- Maven, Gradle, Npm, Ant

CERTIFICATIONS

- Oracle Certified Expert, Java EE 6 Persistence API Developer (2013)
- Sun Certified Developer for Java Web Services 5 (2010)
- Sun Certified Web Component Developer for J2EE 5 (2009)
- Sun Certified Java Programmer for Java 6 (2009)
- Cisco Certified Network Associate (2009)

EDUCATION

- BACHELOR'S DEGREE IN
AUTOMATION AND
COMPUTER SCIENCE
"POLITEHNICA" UNIVERSITY
OF TIMISOARA
2009

ABOUT ME

I am a consultant / contractor / freelancer with **14 years** of experience, **only interested in remote work**.

I help companies around the world implement maintainable, scalable and efficient distributed systems.

Let's connect and discuss how I can help your business!

WORK EXPERIENCE

SENIOR SOFTWARE DEVELOPER / TECHNICAL LEAD
WINDELN.DE | SIBIU
MAY 2016 - PRESENT

The company uses it's own PIM system which has a few issues: badly implemented, unscalable, untested, generated lots of data issues and was hard to maintain. A new PIM implementation was needed.

- **increased** the product processing speed **by 120%** by eliminating unnecessary conversions and migrating it to the newer versions of mongo and Elasticsearch.
- **increased** product validation throughput **by 600%** by rewriting the validation logic, moving it in a separate service and deploying it on multiple machines
- **reduced** the indexing process **from 4h to 10 min** by creating a new reindexing service
- **reduced** the technical debt **by 95%** (according to SonarQube) and **lead a team of 5 developers**.

Skills used: Java, Spring Boot, activemq, rabbitmq, javascript, typescript, groovy, angular, Junit, mockito, MongoDB, Elasticsearch, maven, jenkins, nomad, git.

SENIOR SOFTWARE DEVELOPER / TECHNICAL LEAD
ROPARDO | SIBIU
AUG 2014 - APR 2016

JRA (Job Role Advisor): The company needed an application that would allow managers to set possible career paths and job roles to employees based on their skill sets.

- **reduced** decision maker's time **by 50%** by implementing batch processes that would automatically do employee-to-job role assignments
- **implemented 20%** of the UI and core services and utilities
- overall the application would **save 80%** of the managers' time spent on employee skill evaluation. The company has around 350.000 employees.

Skills used: Java 7, EJB 3.1, JaxRs, Javascript, Dojo 8, WebSphere, mybatis, DB2, ant, IBM "Rational" tool suite

SENIOR SOFTWARE DEVELOPER
MINDMATICS | SIBIU
MAY 2012 - SEP 2014

MCC (Mopay Configuration Center): The client wanted all company office processes (user management, contract definitions, banking data management, package filtering, etc) to be done through one unified interface: a web application that would simulate a desktop environment (multiple windows, taskbar, start menu, control panel and notifications).

- **reduced** back-end latency **by 50%** through improved ORM mappings and better JPA queries.
- **implemented 50%** of the features and **70%** of the core services and utilities
- **reduced** the application load time **by 80%** through a build configuration that generated a compressed, minified and obfuscated UI artifact.

Skills used: Java 6, Spring 3 (core, mvc, security), JPA (with Hibernate), SQL, oracle DB, tomcat 7, ExtJs 4.2, HTML, CSS3, junit, gradle, SVN, jenkins.