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Silviu DINUȚĂ

Professional experience

June 2022 – present S.C. TOTALSOFT S.A.
freelancer full time(working remote), Bucuresti

Full Stack Software Developer, Tech Lead, Devops

- National Trade Registry Office:
 - Developed and maintained backend services for Litigation Register (RL), Registry Office (REG) and Trade Register (RC) modules using Java 17 and spring boot 2.6.6, spring cloud 2021.0.5
 - Designed and implemented reporting functionalities (HTML/PDF/XLSX) using BIRT, JasperReports, and Thymeleaf, including template generation and integration.
 - Configured and deployed applications in Kubernetes clusters (local and dev environments); used Docker, Minikube, and YAML configurations.
 - Integrated MinIO (S3-compatible) for document management, including upload/download of scanned documents.
 - Built RESTful APIs with OpenAPI / Swagger, supporting multi-module microservice architecture with Feign clients.
 - Implemented email ingestion pipeline using Apache Camel (IMAP/POP3) to read, parse, and store attachments as scanned documents.
 - Maintained continuous integration and delivery pipelines using Jenkins and Bitbucket Pipelines; managed artifacts with Nexus.
 - Utilized Spring Caching, including cache eviction strategies, to optimize data retrieval of our Nomenclatures entities.
 - Configured Gateway api's for all our modules
 - Configured keycloak for our services authentication
 - Configured Gotenberg in our Kubernetes cluster for converting docx, excel files to pdf
 - Integration with CertSign signing tool
 - Docx templates manipulation for dynamic documents generation
 - Implemented internal workflows micro-service for multi modules use
 - Participated in Agile processes: daily standups, sprint planning, code reviews, and technical mentoring.

July 2022 – April 2023 WINDELN.RO LABS SRL
freelancer part time (working remote), Sibiu

Team Lead Java, Scrum Master, Tech Lead, Full Stack Software Developer

- WINDELN.RO LABS SRL:
 - Team lead for 5 men in java team, guiding them when they got stuck, reviewed their code, making annual reviews, 1on1 meetings, participated interviews for new candidates, made onboarding for new colleagues
 - Tech lead, finding solutions for urgent production topics, delegating tickets to my colleagues and also implementing the ones that requested immediate attention
 - New projects, bug-fixing and maintenance for online shops from China, Germany and Switzerland, backend part with over 63 on premise microservices developed with Java 8 and spring boot 2.1 and front-end part implemented with angular 5.0
 - Scrum master, moderated and kept daily meetings with both teams, reported in tech daily meetings and all hands meetings
 - Managed to fix all important issues for our PIM(Product Information Management) microservice and made integration with inRiver working smooth
 - Helping QA colleagues, and product data team and colleagues from our AX System when needed
 - INX Email integration for our platform

June 2021 – May 2022 **SII IT & C Services S.R.L.**
freelancer (working remote), Bucuresti

Team Lead Java, Scrum Master, Tech Lead, Full Stack Software Developer

- WINDELN.RO LABS SRL:
 - Team lead for 5 men in java team, guiding them when they got stuck, reviewed their code, making annual reviews, 1on1 meetings, participated interviews for new candidates, made onboarding for new colleagues
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July 2019 – May 2021 freelancer(working remote)

Full Stack Software Developer

- Augmented Learning:
 - Worked for Swisscom, implementing end2end test suits for dashboards used to setup network configurations. The tests were running from Jenkins, and when some tests were failing Jira issues were automatically created, or updated if the tests failed repeatedly;

- Webapp implementation for displaying end2end test reports;
- Modified School Web App using d3 tools for analyzing classroom results by the teacher, changed design for tablet apps, for the web app and for the site page;
- Made the tablet apps to work with Android as well, and made it possible to build with Gradle automatically from the Bitbucket Pipeline;
- Python project with FastApi used for getting pupil exercises results and create different statistical views in order to be analyzed. Also created a Docker Container with Python and deployed it in AWS Elastic Beanstalk. The views were updated every night with a scheduler and the App returned the data as a CSV document, used from another Python project which was also used for data manipulation from Jupyter Notebook (open-source web application that allows you to create and share documents that contain live code, equations and many others).

February 2014 - June 2019 **SC Sava Technologies SRL**(working remote), Timisoara

Full Stack Software Developer

- Augmented Learning:
 - Implemented math learning iOS application for first class to forth class using React Native;
 - Implemented tests for most of the components and ran the test in Bitbucket pipeline automatically on commit;
 - Designed and implemented Java REST API and needed services on Server part using Spring Boot on a Maven project;
 - Designed and implemented database for implemented REST API;
 - Added integration tests and unit tests on Server side and ran them on Bitbucket pipeline automatically on commit;
 - Implemented React and Material-UI Web App on Server side for teachers and Admins to track classroom results;
 - Released server application with Maven and when tag is created deployed the application on Amazon AWS Elastic Beanstalk automatically from Bitbucket pipeline
 - Made an algorithm for adjusting exercises based on pupils level.
- Governance Services (GS):
 - Worked on UI tasks/issues using Aikau as well as YUI, gaining knowledge in JavaScript and CSS;
 - Worked on backend tasks using Java, Spring and Maven;
 - RM Benchmark driver implementation, a tool for testing in various scenarios of RM system;
 - Contributed to the new GS Core APIs and implemented several APIs including all the tests;
 - Added Unit/Integration tests for implemented code;
 - Implement a feature from scratch starting from the Backend and up to Frontend;
 - Key contributor to the GS development team, exhibiting both great development skills and in depth knowledge of the product, as well as contributing to team reviews and demos
 - Worked in the Agile methodology, flexibly, across my full range of technical skills, according to the needs of the team; was confident and very able to cross-skills as needed;
 - Understanding of the GS domain and the way in which the code base is constructed. Highlighted any anomalies to

ensure that the functionality and quality of the product is high.

▪ **Alfresco platform:**

- Attended Alfresco online courses;
- Development under JavaScript (JS) using AIKAU framework, Dojo framework and YUI framework for creating UI components (Share);
- Development on Server part (Repository) under Java implementing Services using Spring Framework;
- Helped on implementing standalone module Alfresco Case Management, by doing design, server part implementation, testing implemented components and UI implementation for several features;
- Integrated Virtual Folders feature into Alfresco Core Platform; contributed on both Repository and Share part;
- Participated in daily SCRUM meetings, backlog grooming meetings, story mappings, sprint review meetings, retrospective meetings, sprint planning meetings, Brown bag meetings;
- Trained and mentored new team members;
- Worked in 3 weeks sprints, 2 weeks sprints, 1 week sprints;

▪ **Alfresco Workdesk:**

- Maintained the code and fixed bugs on both UI and Server part
- Made the UI components to correspond to Section 508 Standards of Accessibility;
- Development in JSP, JavaScript(JS), CSS and Java;
- Implemented an option in Eclipse RCP application for formatting multiple xml files;
- Implemented HTML validator using JTidy and added
- Maven profile for HTML validation;
- Gained a lot of experience with Content Management.

March 2010 - September 2013 **acp-IT SRL** (worked remote from August 2012 – September 2013), Timisoara

Software Developer

- Manufacturing Execution Systems (MES) GUI Engineer from
- Requirement to Rollout in production;
- Development of custom specific GUI solutions for the MES;
- Responsible for maintaining and extending our MES GUI application;
- Software development using Java in Eclipse/RCP;
- Development under Eclipse/EJB;
- Attended internal team workshops and trainings;
- Guided new team members in solving their tasks;
- Designed and development of a SVG editor for material flow analysis
- Research and implemented a client application for Android that communicated with one JBOSS server
- My responsibilities were:
 - applying the MES business logic
 - design and implementation of GUI
 - implementation of additional business logic
 - implementation of custom solutions based on companys'

		own framework using Eclipse RCP/SWT/GEF
		• participation in weekly status meetings and code review meetings with other team members • Maintaining the code and fixing bugs on the GUI and Server side • Execution of components and integration test for the MES • Supporting the rollout team with the GUI build for each release • Helping new GUI team members to understand the proprietary RCP application
Education	2009 – 2011	University “Politehnica” of Timisoara, Faculty of Automation and Computer Science, Automation department, Master Information Systems Applied in Production and Services
	2005 – 2009	University “Politehnica” of Timisoara, Faculty of Automation and Computer Science, Automation department, Section Systems Engineering
	2001 – 2005	School Group „Dimitrie Filisanu” High School, Filiasi, Dolj
Extracurricular activities		▪ Reading literature and technical books ▪ Listening music of various genres; ▪ Romanian traditional folcloric dances from the region of Oltenia
Foreign Languages		English – Advanced
Programming languages		Java RCP/SWT, Java EE, SQL-Server, Visual C#, Visual C++, ASP.NET, Visual Basic, PHP, MySQL, HTML, XML, C, C++, Oracle(SQL, PL-SQL), Python, JavaScript (JS), FreeMarker Template Language (FTL), YAML
Technologies		Java, RCP, SWT, GEF, UML, Agile Development, Microsoft .NET, Android, iOS, SVG, WCF, LINQ, CSS, JSP, CMIS, REST, Spring, JSON, Aikau framework, Dojo, Maven, PostgreSQL, Tomcat, Node.js, Ext Js, YUI Library, MongoDB, Angular, React Native, React, Spring Boot, FastAPI, AWS Lambda, Jupyter Notebook, AWS Beanstalk, Docker, ActiveMQ, RabbitMQ, inRiver, kibana, Nomad, Rundeck, JFrog Artifactory, Nexus Repository, Kubernetes, SSO / Keycloak, MinIO (S3-compatible storage), Apache Camel, Apache Velocity, Liquibase, Spring Cloud / OpenFeign, Spring Data JPA, Minikube, OpenAPI / Swagger, BIRT (Business Intelligence Reporting Tool), JasperReports, Redis, Jenkins, Bitbucket Pipelines
Programming tools		IntelliJ, Eclipse, MS Visual Studio, EA, Pencil, Subversion/SVN, Tortoise SVN, Collaboration platform CodeBeamer, Jenkins, MS Project, XMind, HeidiSQL, Inkscape, MySQL Query Browser, MySQL Workbench, JIRA, yED, JProfiler, git/GitHub/GitLab/Bitbucket, Bamboo, cygwin, Xcode, Fastlane, Android Studio, NoSQLBooster, DBeaver, Lens (Kubernetes GUI), JasperStudio, Birt Reports, Thymeleaf Reports, Postman, Visual Studio Code (KIE/Process modeling), Liquibase, Thunderbird (email testing), Apache Camel, Docker Compose, Jenkinsfile scripting
Interests		Travel, trends in IT.