
Rus Adela-Maria

Work Experience

June 2011 – Present (2017 – 2019 maternity leave), Arobs Transilvania Software: Software Developer

- During these years I worked on various projects, on both front-end and back-end, using technologies like JSF, JSP, Servlets, Struts, Spring MVC, Angular JS, Angular, Java 6 to 11, JDBC, JPA, Hibernate, Spring, Spring Boot, Elastic Search, Web Services, AWS, MySQL, SQLServer
- Experience working Agile, in Scrum teams
- Used Git and SVN for versioning, Gradle, Maven and Ant for building projects
- Project samples:
 - o **CRM** - Web based customer management for car dealers and marketing automation; My role: for the first three years, back-end developer, for the last two years, full-stack developer with focus on back-end (back-end in Java 11 and front-end in Angular 16), responsible with analysis, code, code review; Duration: 5 years
 - o **Hotel booking B2B** - Web based booking engine for hotel rooms, B2B approach; My role: full-stack developer involved in the back-end and front-end development of the platform (back-end in Java 8, front-end in JSP and AngularJS), responsible with analysis, code, code review; Duration: 3 years
 - o **Banking system**– Webservices for a banking system; My role: back-end developer involved in the development of the webservices, responsible with analysis, code, code review; Duration: 1 year

October 2012 – October 2017, Babes-Bolyai University, Faculty of Mathematics and Computer Science: Teaching Assistant

- Teaching laboratories and seminars of Artificial Intelligence, Fundamentals of Programming, Object Oriented Programming, Formal Languages and Compiling Techniques
- Leading Diploma projects
- Research, scientific publications, participating to conferences
- Evaluating students, including university admission exams

December 2010 – June 2011, Nokia: Intern

- I have worked at a company tool used for tracking assets using Google Web Toolkit framework

Skills

Technical

- Good understanding of Object Oriented Programming
- Java 11, Spring, Hibernate, JPA
- RESTful web services
- Angular JS, Angular, JSF, JSP, Spring MVC
- SQL server, Mysql
- AWS
- Python (basic)

Languages

- Romanian – native
- English – proficient user
- French – basic user

Education and Training

October 2012 – June 2016, Babes-Bolyai University, Faculty of Mathematics and Computer Science and National Institute of Applied Sciences, Rouen, France: PhD Student

- During these years I made a PhD under the joint supervision of a professor from Babes-Bolyai University, Cluj-Napoca and a professor at National Institute of Applied Sciences, Rouen
- My thesis entitled "Dynamic Machine Learning Models for Solving Classification problems" approaches the problems of dynamic clustering of gene expression data and pedestrian detection in images
- I defended my thesis in Rouen and I was awarded the distinction "Summa Cum Laude"

October 2010 – July 2012, Babes-Bolyai University, Faculty of Mathematics and Computer Science: Master's Student

- During the Master 's program with Database Systems Specialization, I studied disciplines like: Database Systems in Internet, Java Platforms and Technologies for Distributed Applications, Project Management, Cryptography, Cloud Computing, Database Systems Implementation, Database Servers (Oracle), Internet Security, Advanced Database Chapters, Electronic Commerce, Data Mining

October 2007 – July 2010, Babes-Bolyai University, Faculty of Mathematics and Computer Science: Student

- During these years I studied disciplines like: Advanced Programming Methods, Database Systems, Logical and Functional Programming, Software Engineering, Artificial Intelligence, Computer Networks, Web Programming, Distributed Programming (Java Platforms), Data Structures and Fundamental Algorithms