Silvana Albert

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Sex Female | Date of birth 29 January, 1992 | Nationality Romanian
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Experience

3Pillar Global – Module Lead   **April, 2012 – Present**

I worked on different projects in the same company and I developed both frontend and backend functionalities.

Technical responsibilities

- Developing software solutions using engineering tools
- Initial setup of the Backbone and React application and migration from JSP
- Implemented end to end functionalities (DAO, Service, Rest Controller and UI)
- Integrated SASS in the project and redesigned the web application
- Demonstrating solutions by writing documentations
- Writing both backend and frontend unit tests for the implemented features
- Designed database schemas and was involved in various data migration plans

Organizational/Managerial responsibilities

- I was in charge of a team of 4 people and my responsibilities included assigning work and providing clarifications
- I initiated technical meetings and summarized them in documents
- I working closely with the product owners on a daily basis for creating stories, designing mock-ups and prioritizing work
- Having daily meetings with the clients to discuss the requirements and specifications of the project (including meetings for fully migrating an old system to newer technologies)
- Organizing meetings with team members and discussing the implementation details or code previews
- Provided support for new people on the team
  I took initiative by proposing solutions for problems and refactoring
- Initiated demos with the client and QA team
- Was in charge of refining requirements and writing Jira tickets for a new module

Education

Phd Student in Machine Learning   **2016 - Present**

Babes-Bolyai University, Faculty of Mathematics and Computer Science, Cluj-Napoca (Romania)

Master in Computer Science   **2013-2015**

Babes-Bolyai University, Faculty of Mathematics and Computer Science, Cluj-Napoca (Romania)

Bachelor in Computer Science   **2010-2013**

Babes-Bolyai University, Faculty of Mathematics and Computer Science, Cluj-Napoca (Romania)

Certifications

Oracle Certified Associate, Java SE 7 Programmer   **April, 2014**

Oracle Certified Professional, Java SE 7 Programmer   **November, 2015**

Publications

- A Big Data Approach in Mutation Analysis and Prediction, Studia Universitatis Babes-Bolyai, Series Informatica, 62(1):75--89, 2017
- Using Computational Intelligence Models for Additional Insight into Protein Structure, Studia Universitatis Babes-Bolyai, Series Informatica, 62(1):107--119, 2017
- Visualizing Mutation Occurrence using Big Data, PeerJ Preprints 5:e3325v1, 2017
- Analyzing Protein Data using Unsupervised Learning Techniques, International Journal of Innovative Computing, Information and Control, 2018

Technical Skills	Technologies	Level
Databases	MySQL, Apache Cassandra	Very good
	MS Sql Server, Oracle , MongoDB	Basic
Frontend	Backbone.js, React, Node.js, npm, gulpSASS, CSS, Bootstrap, HTML5, JQuery, Handlebars.js, require.js	Good
	Ember, Webpack, Gulp	Basic
Programming language	Java Core	Very Good
	Python, php	Basic
Data Access	JDBC, Hibernate, Datastax and Java Persistence API	Very Good
Backend	Spring, Spring Boot, Rest Services, JSON, XML, XSD, Solr, JSP	Good
Testing	Junit, Mockito, Powermock, Mocha.js, Sinon.js, Chai.js	Good
Web servers	Jetty, Tomcat	Good
Version Control	SVN, GIT	Very Good
Build Tools	Ant, Maven	Good
Other	Jira, Jasper Reports, UML, Agile/Scrum	Very Good

Hobbies

Genetics, acrylic painting, crossfit training