CURRICULUM VITAE

Personal information

Surname(s) / First name(s)	**Oprisan Andrei**
Address(es)	str Magura, nr 24, 550317, Sibiu, jud Sibiu, Romania
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Email(s)	andrei.oprisan@obsidian-innovations.com
Date of birth	April 17, 1982

Personal skills and competences

SKILLS AND EXPERIENCE

Andrei has 14 years of experience in software industry and academia, acting as product manager, software developer, architect and researcher, with almost 5 years in the data security field and 5 years writing Business Intelligence SaaS applications.

Andrei's area of work led him to design and develop data destruction software solutions and Business Intelligence SaaS applications, handle a variety of technical tasks ranging from back-end services architecture and implementation to developing front-end GUIs. Deep work in back-end services made him a Guru on integration strategies with different third party service providers. While working in data security area he was involved in the achievement of industry top security certificates.

In the last several years Andrei has been consulting companies and startups on software development services, with the last year focused on Business Intelligence solutions for energy management.

Additional information can be found in his LinkedIn profile

http://www.linkedin.com/in/aoprisan

MOTHER TONGUE — Romanian

OTHER LANGUAGES — English (advanced)

Key projects and accomplishments

DRESSPANIC, 2014

http://www.dresspanic.com

Designed and developed the concept and implementation of a web application with the social network and marketplace aspects for fashion followers, stylists and other "what to wear" female questioners. Scala, Play 2, JavaScript, Amazon S3, MongoDB, Loginza, Tradedoubler.

FORESTRYCLOUD, 2014

http://www.forestrycloud.com

Designed and developed the concept and implementation of a web application for online forest inventory system. Scala, Play 2, JavaScript, PostgreSQL, GeoServer, OpenLayers, Paytrail. Mobile app with restricted features using Titanium by Appcelerator.

SMEEBI, 2013

http://www.smeebi.com

Designed and developed the concept and implementation of a complex business intelligence web application. Details provided below.

SCALAFX MUSIC PLAYER, 2013

https://github.com/ssemakin/scfx-player
A maturity test for the JavaFX 2.x based ScalaFX framework.

http://www.thrive-reporter.com/

Data visualization and reporting tool for analyzing securities markets trading activity. JavaFX 1.x, Scala, JasperReports.

http://www.obsidian-innovations.com

IT consultancy company. Team member and co-founder. Details provided below.

http://www.blancco.com/us/products/total-data-erasure/blancco-5/

Based on the experience of the prior versions, bootstrapped and developed the first releases of a new generation data destruction software solution. Details provided below.

Graduation work for my Bachelor degree, built with a team of three people, using cutting edge technologies for that date, such as Asp.Net 2.0, Ajax.Net, Dependency Injection, object relational mapping.

Additional information

Personal interests

Literature, jogging, hiking, traveling, programming languages

Recommendations

Smeebi, Blancco

Rob Connell, CEO of Smeebi, +358 505 851 302

Smeebi, OlapCon

Mika Hurskainen, Chairman of Smeebi, +358 40 7576 713

Blancco

Lasse Riekkinen, Director of R&D at Blancco, +358 50 4956 615

Blancco

Mikko Koponen, COO at Blancco, +358 40 6879 505

University of Joensuu

Simo Juvaste, Deputy Head of CS Department, +358 50 380 3416

Education

Title of qualification awarded
Dates
Organization
Title of graduate work

Master of Science in Computer Science
September 2006–September 2008
Department of Computer Science, Faculty of Science, University of Joensuu, Joensuu, Finland
«Aspect Oriented Implementation of Design Patterns using Metadata »
ftp://cs.joensuu.fi/pub/Theses/2008_MSc_Oprisan_Andrei.pdf

Title of qualification awarded
Dates
Organization
Title of graduate work

Diploma Engineer, Computer Engineering
September 2001–June 2006
Universitatea Tehnică „Gh. Asachi" din Iași
«Web-based E-Learning platform»

Work experience

Occupation or position held
Dates
Name and address of employer
Type of business or sector
Main activities and responsibilities

Senior Scala Software Engineer
April 2015–Present Time
Eloquentix Ltd, Chapel Hill, North Carolina, United States
Scala Software Development
- Software design and development using agile techniques, functional and object-oriented programming of distributed micro-services
- Database REST access services
- Working with remote teams
- Test Driven Development
- Development primarily with Scala, Java, Play 2.x, Docker, Postgresql, Hibernate

Senior Software Engineer

OCCUPATION OR POSITION HELD	**Senior Software Engineer**
DATES	April 2014–Present Time
NAME AND ADDRESS OF EMPLOYER	WEBfactory GmbH, Buchen, Germany
TYPE OF BUSINESS OR SECTOR	Software Development of Business Intelligence Systems
MAIN ACTIVITIES AND RESPONSIBILITIES	- Software design and development using agile techniques, object-oriented programming

- Front-end architecture and development
- Reports design and development
- Automation of deployment routines
- OLAP cubes configuration and data import services
- Development primarily with C#, F#, Javascript, Typescript, Durandal, Knockout, Underscore, Asp.Net MVC and Web API, .Net Reactive Extensions, Microsoft SQL Server, Analysis Services and Reporting Services

OCCUPATION OR POSITION HELD	**Software Architect and CTO, Co-Founder**
DATES	December 2011–Present Time
NAME AND ADDRESS OF EMPLOYER	Smeebi Ltd (subsidiary of Olapcon Oy), Espoo and Joensuu, Finland
TYPE OF BUSINESS OR SECTOR	Software Development of Business Intelligence Systems
MAIN ACTIVITIES AND RESPONSIBILITIES	- Software project management, design and development using agile techniques, functional and object-oriented programming

- Technologies evaluation and business development
- Back-end architecture and development
- Integration strategies with different service providers: REST and SOAP WS, OAuth 1.0a and 2.0, JSON and XML
- Working with remote teams
- Test Driven Development: Specs2
- OLAP cubes configuration and data transformation routines
- Development primarily with Scala, Clojure/ClojureScript, JavaScript, Postfgresql, MySql, Mondrian, MDX, Play 2, SBT, Github, Heroku on GNU/Linux, Windows 7

OCCUPATION OR POSITION HELD	**Technical Consultant**
DATES	December 2011–Present Time
NAME AND ADDRESS OF EMPLOYER	Obsidian Innovations Ltd., Espoo, Finland
TYPE OF BUSINESS OR SECTOR	Software Development and Consultancy
MAIN ACTIVITIES AND RESPONSIBILITIES	- Design and development of a financial analysis application

- Technology evaluation, business development, project planning
- Back-end architecture and development
- Developing dashboards and reports for daily trading
- Object-oriented programming, functional programming, software architecture, Test Driven Development, web development, cloud computing
- Development primarily with Scala, JavaFX, Java, Clojure, JavaScript, Maven, Play 2, JasperReports, Talend ETL, SBT, Github on GNU/Linux, Windows 7

OCCUPATION OR POSITION HELD	**Technical Product Manager**
DATES	March 2011–December 2011
NAME AND ADDRESS OF EMPLOYER	Blancco Ltd., Helsinki and Joensuu, Finland
TYPE OF BUSINESS OR SECTOR	Development, distribution and maintenance of data destruction software systems
MAIN ACTIVITIES AND RESPONSIBILITIES	- Development of data destruction application

- Involvement in the gain of Data Security top certificates
- Working with remote development teams
- Development primarily with C++, Qt framework, GNU tool-chain, SVN, Trac

	Senior Software Engineer / Software Engineer
	June 2007–February 2011
	- Blancco Data Cleaner design and development

- Design and development of data destruction application (hardware communication, data destruction engine, remote API, graphical user interface)
- Object-oriented programming, architecture design, Test Driven Development, Continuous Integration
- Agile development using Scrum
- Enabling the adoption of Test Driven Development practices in the company
- Bringing latest industry trends in the product development process
- Working with remote development teams
- Development primarily with C, CVS, GNU tool-chain, Valgrind, Bash, Emacs, Linux Kernel 2.4-2.6, C++, Qt framework, GNU tool-chain, SVN, Trac

	Software Engineer
	March 2007–May 2007
	Speech and Image Processing Unit, Computer Science and Statistics Department, University of Joensuu, Finland
	Development of a speech recognition application
	- GUI development for a speech recognition application

- Object-oriented programming, architecture design
- Integration of different components
- Development primarily with C++, wxWidgets, SVN