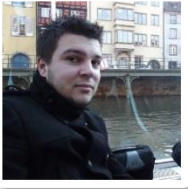


Andrei Straut



Lisbon, Portugal

<https://www.andreistraut.info/#contact>

PROFESSIONAL EXPERIENCE

Coriant, Gmbh

January 2016 – May 2018

Telecommunications

Lead Software Engineer / DevOps Engineer, DWDM Network Planning

As a Lead Software Engineer within the Network Planning team, my main responsibility is design, implementation and maintenance of business-specific algorithms and features, centered on the Routing and Wavelength Assignment domain, using Java as a development language, Git as the version control system, and Jenkins as the Continuous Integration environment.

I am also, on my own initiative, responsible for the introduction of several productivity, visualization, and statistical analysis tools, most of them the result of personal software development off-Coriant. These tools are implemented using a large array of languages and technologies, ranging from Java to Python and AngularJS, and from WebSockets to WebServices.

I mentor new additions to the team, explaining the business domain, project architecture and code, helping to integrate them into the Network Planning (and larger Coriant) team.

Coriant, Gmbh (External Contractor by Rupeal, Lda)

April 2013 – December 2015

Telecommunications

Software Automation Engineer, DWDM Network Management

As a Software Automation Engineer within Coriant I was responsible for several efficiency-improvement projects to reduce time-consuming manual tasks, from generation of software delivery reports, to automation of manual tests performed by the Software Verification team, implemented in Java, Python with Robot Framework, again using Jenkins as a Continuous Integration Environment.

I was selected to be part of a special 6-person task force responsible for the design and implementation of a proof-of-concept novel tool in the Network Planning department, which ended up being a standalone Coriant project, relying on extensive knowledge of graph theory and path-finding algorithms.

IT&S, SA

January 2012 – December 2012

E-commerce

Software Engineer

Fully committed to driving the expansion of International Transactions and Services, S&A, I was responsible for the introduction of the company's Android Application (mirroring functionality from its website), helping increase reach and sales dramatically.

I was part of a team responsible for integration and communication between different subsystems of IT&S (ERP, orders backend, billing and reporting), with the added challenge of each subsystem being its own complete different platform (Oracle EBS, Magento, and proprietary billing and reporting software written in .NET)

Automating other tedious tasks, such as supplier price feed processing, and product information updates via webservices (REST) meant that content responsables became free to focus more on customers, and in turn help drive sales even higher.

Aceora Software, Inc

December 2010 – January 2012

Custom Software Solutions, Outsourcing

Junior Software Developer

As a Junior Developer within Aceora Software (an outsourcing and custom software solutions startup), I participated in several relatively short-term projects, spread over a variety of business domains, from desktop applications automating broker stock trading operation (GUI-based high-frequency trading), through patent search and monitoring, to accountancy automation, most or all of them implemented in Java or PHP.

I was also one of the designated responsables for project functional specification elaboration, as well as part of a group tasked with finding new ways and strategies to improve development process across the company.

PERSONAL PROJECTS

Personal Website

<https://www.andreistraut.info/>

Personal presentation and showcase website, where I occasionally post updates and projects I'm working on. Code publicly available on GitHub.

GAPS – Genetic Algorithm Path Search

<https://www.andreistraut.info/gaps>

Project exploring path searches in graphs using genetic algorithms. Built with strong focus on UI and ease of use, allowing a user to explore and compare various possible paths within a network, from a traditional perspective (Dijkstra) and out-of-the-box implementation using genetic algorithms. Code publicly available on GitHub.

Monkins – Multiple Jenkins Monitor

<https://www.andreistraut.info/monkins>

Project aggregating job statuses from different and separate Jenkins CI servers, and displaying them in a unified radiator view. Code publicly available on GitHub.

EDUCATION

Software Engineering, BAC+4

Automation, Computers, Electrical and Electronic Engineering College, Galati, Romania
2007-2011

Mathematics-Informatics bilingual English, BAC

"Mihail Kogalniceanu" National High-School of Galati, Romania
2003-2007

SKILLS & ABILITIES

Certifications

Oracle Certified Java SE 8 Programmer 1 (1Z0-808)
Cambridge English: Advanced (CAE)

Other

Programming languages: Java (SE / EE / Android SDK 10 - 13), C# (.Net Framework 4.0), PHP (Zend Framework, Magento), SQL / PL-SQL (mySQL, PostgreSQL, Oracle), Python

Web: JavaScript, Angular/AngularJS, Bootstrap, JQuery, HTML, CSS

Testing: junit, MS UI Automation, Robot Framework, Selenium

Build tools and CI: Ant, Maven, Jenkins

SOA: REST, SOAP

OS: Windows, Linux

Team Development: SVN, Git, Perforce

Design and modeling: UML

Tools and IDEs: Eclipse, IntelliJ, NetBeans, Visual Studio 10

Other: Hibernate 3, XML/XSLT, JSON, WebSockets, Oracle E-Business Suite 11g

LANGUAGES

CEFR Scale:

Romanian: native

English: C2

Portuguese: C2

French: B1

CAUSES AND HOBBIES

International Red Cross Volunteer (via Romanian branch), 2004-2012

AIESEC Volunteer, 2009-2010

Professional indoor volleyball player (INATEL league)

Everything tech-related