



C.V.

PERSONAL INFORMATION

Name
Address
Contact
Citizenship
Date of Birth

Andrei STRAUT
Lisbon, Portugal
<https://www.andreistraut.info/#contact>
Romanian
June 5th, 1988

PROFESSIONAL EXPERIENCE

01.01.2016 – Current

- Company name: Coriant, Gmbh.
- Type of activity – Software solutions in the TelCo sector
- Position within company: Lead Software Engineer and DevOps Engineer, DWDM Network Planning
- Responsibilities:
 - Lead Engineer within a team and project whose focus is the development of optical (DWDM) routing algorithms for optimization of network planning – Java SE 8
 - Implementation of solutions for productivity optimization within the project (build and test status radiators, Jenkins continuous integration environment maintenance and improvement) – Java EE 8, AngularJS 1.x, Bootstrap, WebSockets
 - Feature design, planning and effort estimation
 - Mentoring of new engineers integrated within the team

22.04.2013 – 31.12.2015

- Company name: Coriant, Gmbh. (External Contractor by RUPEAL)
- Type of activity (client) – Software solutions in the TelCo sector
- Position within company: Software Engineer, DevOps
- Responsibilities:
 - Design, architecture and implementation of web applications dedicated for visualization of operational network details in real-time
 - Java, PrimeFaces, jQuery, JIT (JavaScript InfoVis Toolkit), Oracle, Jenkins
 - Implementation of proprietary network optimization algorithms – VB, Java
 - Automation of company business processes (manual and tedious, time-consuming tasks such as generation of documents, generation of software reports, etc) – Java, Selenium, Oracle
 - Automation of build qualification tests (on-demand from other development teams, as well as release qualification tests engineered by ourselves) – Robot Framework

05.10.2012 – April 2013

- Freelancer
- Type of activity – Custom software development
- Responsibilities:
 - Developing a custom software platform using J2EE and JAX/RS Web services to help manage a real estate agency
 - Having technical discussions with the client to develop and agree upon capabilities to implement
 - Presenting weekly status updates about the project, work completed, and scheduled updates

**PROFESSIONAL
EXPERIENCE**
(personal accomplishments)

16.01.2012 – 04.10.2012

- Company name: S.C. International Transactions & Services S.A.
- Type of activity – E-commerce, software development
- Position within company: Software Developer

Responsibilities:

- Partaking in technical discussions with the teams on the company's current projects and future development directions
- Developing a mobile version of the company's Magento e-commerce platform (Android SDK)
- Adding new functionalities to the company's Magento e-commerce platform (secure payment modules, AJAX support, custom REST service)
- Developing and maintaining a common communication protocol between the company's separate service platforms (automated data synchronizations between Oracle, MySQL and SQL Server databases)
- Automating business workflows, transposing them in a faster and more efficient way (supplier price feeds processing, client and order management, product information updates)

06.12.2010 – 13.01.2012

- Company name: S.C. Aceora.ro S.R.L.
- Type of activity – software development
- Position within company: Software Developer

Responsibilities:

- Developing a Java EE platform for assistance in patent search and monitoring
- Developing a Java EE platform for accountancy automation
- Developing a C# desktop application for broker trading automation
- Helping to elaborate the documentation and project scope for the projects under development
- Finding new ways and strategies to improve the overall development process

LinkedIn Profile

<https://www.linkedin.com/in/andrei-strauf/>

GitHub Profile

<https://github.com/Andrei-Strauf/>

Projects

Personal Website (<https://www.andreistraut.info/>)

Personal presentation/showcase website, where I occasionally post updates and projects I'm working on.

Code publicly available on GitHub

GAPS (<https://www.andreistraut.info/gaps>)

Genetic algorithm path search

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

Multiple Jenkins Monitor

Within large projects, sometimes teams are responsible for their own continuous integration environment, usually Jenkins. This means that usually there is no central coordination or status updates between these teams, and they largely unaware of what is happening with the others. This projects aims to bridge that gap, creating an easy-to-use

EDUCATION

web interface that connects to these disparate CI instances and presents a central status compiled from each team's general status. Code publicly available on GitHub

BAC+4, Information Technology (Technical University Diploma, a 4-year degree), 2007 - 2011
Automation, Computers, Electrical and Electronic Engineering College, Galati, Romania

BAC, Mathematics-Informatics bilingual English (Scientific Baccalaureate, a 4-year degree), 2003 - 2007
„Mihail Kogalniceanu” National High-School of Galati, Romania

PERSONAL SKILLS

Maternal Language

Romanian

Foreign Languages

(Ability to read / write / speak)

English: advanced / advanced / advanced

Portuguese: advanced / good / advanced

French: average / average / average

Artistic and Design Skills

- Professional Software Engineer License
- Professional PC Operator Degree
- Professional English Language Degree
- Courses:
 - Project Management
 - Communication

Technical Skills

- Programming languages: Java (SE / EE / Android SDK 10 - 13) – Oracle Certified Java 8 Programmer I, C#, (.Net Framework 4.0), PHP (Zend Framework, Magento), SQL / PL-SQL (mySQL, PostgreSQL, Oracle), VB6/VBA, JESS/CLIPS, Unix
- Web: JavaScript, AngularJS 1.x, Bootstrap, JQuery, HTML, CSS
- Frameworks and adjacent technologies / data formats: Struts 2, Hibernate 3, XML/XSLT, JSON, WebSockets
- SOA: WebServices, REST, SOAP, Public/Private Web APIs
- Testing and testing frameworks: JUnit, Microsoft UI Automation, Robot Framework
- Build tools and project lifecycle management: Ant, Maven, Jenkins
- Operating systems: Windows, Ubuntu, Fedora, CentOS
- Team Development : SVN, Git, Perforce
- MS Office: Word, PowerPoint, Excel, Access, Publisher
- OpenOffice Suite: Writer, Spreadsheet
- ERP: Oracle E-Business Suite 11g
- Design and modeling: UML
- Tools and IDEs: Eclipse (Galileo, Indigo), NetBeans, Visual Studio 10

Other Skills

4 years volunteer within Romanian Red Cross non-governmental organisation

8 months volunteer within AIESEC non-governmental organisation

Hobbies

Everything tech-related. Volleyball player (Siemens team), martial arts enthusiast