

Sylvain Leroy

SOLUTION ARCHITECT, TECHLEAD DIGITAL TRANSFORMATION

Married, two children

5 Allée des coins, 74240 Gaillard, Haute-Savoie, France/Switzerland

☎ (+33) 6-88-27-36-87 | ✉ sleroy0 at gmail.com | 🏠 https://about.me/sylvain_leroy | 💻 sleroy0 | 🔗 [sylvain-leroy-3666a417](#) | 🐦 slryit | 📧 medralgow

"Innovation is the right balance between risk and conservatism"

Education

NINJA SQUAD

ANGULAR 2 TRAINING

- Angular 2 and Typescript training

Geneva

Jan. 2017

INRIA, IRISA, University of Rennes 1.

COMPILER, PERFORMANCE AND MICRO ARCHITECTURE, RESEARCH MASTER (RM2) PROGRAM

- Specialisation in compilation technics to create source-to-source(transpiling) frameworks for performance optimizing

Rennes, France

Jun. 2007 - 2004

IUT Lannion, University of Rennes 1.

BACHELOR OF COMPUTER SCIENCES,

- C/C++ Software development course, Requirements, Team management.

Lannion, France

Jun. 2004 - 2002

Skills

Software skills	Web Applications, DDD/SOA/REST Architectures, Monoliths, Microservices, Batches, MDA Modelers, Compilers
Expert Software modernization	Front-end and optimization compilation technics, Source-to-source expert, MDA
Software audit	ISO 9126, ISO 25000, Balanced scorecard, CMMI, KPI, TOGAF, COCOMO2
Test Tools	Selenium, SWTBot, PhantomJS, SoapUI, JMeter, Spring MVC, Gatling, Spock, Cucumber, JBehave, JUnit, Mockito, CppUnit
Quality Tools	SonarQube, Squal, Kiuwan, Codacy, Klocwork, Coverity + opensource
Team management	Agile, Scrum, Waterfall, Balanced Scorecard
Innovation	Research promotion, Innovating ideas, Research projects initiator
Programming Languages	Java, C, C++, TypeScript, JavaScript, Groovy, PHP, PL/SQL, Delphi, VB
DevOps	Docker, Ansible, Jenkins, Puppet, Maven, Gradle, CMake, Make, QMake, Composer, Bower, Nexus
Databases	Mysql, PostgreSQL, MongoDB, Elasticsearch, OrientDB, Cassandra, OpenTSDB, KairoDB, Oracle
Web/UI	JSP, Thymeleaf, AngularJS, JQuery, Wicket, GWT, Jade
Web/Middleware	Spring/MVC, Jersey, CXF, Silex, Node.JS, Express, EJB
Web/DAO	JDBC, Spring JDBC, MyBatis, Hibernate, JPA, Spring Data
Languages	French (Natural), English (C1), German (B1), Russian (A2)

Experience

SERIAL SA

SOLUTION ARCHITECT, TECH LEAD

- SERIAL SA is a famous company of 30 years old in Switzerland, delivering IT services. Its activities are focused on Web, ECM, Mobile, BI, Security, and Software Engineering expert skills.
- Solution architect / developer empowering challenges as digitalization, digital transformation, dev-ops, software factory and legacy modernization

Geneva, Switzerland

Janvier 2017 -

TOCEA

Rennes, Quebec

COFOUNDER AND CTO TOCEA/ECHOES LABS

Mar. 2011 - Jun. 2014

- *Tocea is a innovating company that provides refactoring source-to-source solutions to help the software editors to refurbish their legacy softwares in record time and budget*
- Co-founder of the Startup TOCEA
- Own technology transfer from the Research lab INRIA/IRISA
- Winner of Innovation award 2012, 2013 from the French Ministry of the Industry
- Technical leader up to 20 people, 3 Product lines
- Co-created successfully business offers from innovating products
- Launched an opensource saas project used by more than 500 users
- Co-launched the research project Greencode which has created the Greenspector company
- Raised more than 250k€ with INRIA Transert/BPI and accompany the company from a 3 members project to more than 20 members
- Helped to open a new market in Canada/Quebec
- First french Cleancode course and certification creator , Cleancode trainer
- **Customers** : Orange, Swisscom, Pôle Emploi, Promutuel, Viaccess, Sigma, SoftAtHome, Banque de France, Bureau Veritas, Dictao(Morpho), ENIM, Sogeti, Scassi

INRIA/IRISA

Rennes

RESEARCHER FOR SERENITEC RESEARCH PROJECT

Septembre. 2007 - Sep. 2010

- Creator of a innovating technology for the modernisation of softwares.
- Helped to the industrialization of the prototype
- Funding and business-plan active support to launch the creation of Tocea

Honors & Awards

INTERNATIONAL

- 2013 **Finalist**, Innovation award from the French Ministry of the Industry (Créadev)
- 2012 **Finalist**, Innovation award from the French Ministry of the Industry (Emergence)
- 2011 **Laureate**, Phar Fund laureate

Paris, France

Paris, France

Rennes

DOMESTIC

Presentation

AFDEL

Paris

PRESENTER FOR AFDEL/TECH IN FRANCE

Jul. 2012

- Diminuer sa dette technique : stratégie de migration ... - TECH IN France

INRIA Workshop

Rennes

PRESENTER FOR INRIA WORKSHOP

Sep. 2007

- Source-to-source technics for Java software optimizations

Writing

Blog Writer

Switzerland

DIGITAL TRANSFORMATION REFACTORING

Jan 2017 -Now

- Blog on various subjects : Code quality, refactoring, Enterprise Architecture, Digital Transformation
- <https://sylvainleroy.com>

Main Writer

France

SOFTWARE LEGACY: HOW TO SAVE THEM ?

Sep. 2016 - Dec. 2016

- WhitePaper on Software legacy and how to handle the technical debt

Main Writer

France

SOFTWARE REQUIREMENTS : A COMPLETE GUIDE AND MARKET STUDY

Sep. 2015 - Nov. 2015

- Exhaustive WhitePaper on Software requirement domain and requirement software market