

Sylvain Leroy

SOFTWARE QUALITY MANAGER / DIGITAL SOLUTION ARCHITECT

Married, two children

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"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 optimisation

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
Legacy Software migration	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, TestNG, CppUnit
Quality Tools	SonarQube, Squale, 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

Geneva, Switzerland

Janvier 2017 -

- *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.*
- **GHI: Software Audit Quality Assessment and Performance diagnostic**
Java, AngularJS, JHipster, Gatling, JMeter, SonarQube, Maven, Bamboo
- **GSK Novartis: JEE Tech Lead**
Docker, Jenkins, Oracle, Java, Javascript, JSP, W4 Business Engine, Tomcat, Apache, Gradle, JIRA, Bamboo
- **TechTalk: Speaker**
Why developers should care about quality ?
- **HSBC Private Banking: Technical lead**
member of the Middleware team **delivery assessment**, technical expertise and review, international environment and offshore teams
Spring / Javascript / Ansible / Maven / Apache Camel / SOA / REST

METRIXWARE/TOCEA

STAKEHOLDER AND CTO TOCEA

Rennes, Nanterre

Jun. 2014 - Dec. 2016

- **Software Editor : DevOps Dashboarding Solution**
Gradle, Spring, Spring MVC, Java, Groovy, JUnit, Spock, Elasticsearch, MySQL, Quartz, GWT, Wicket, JQuery, Mybatis
- **Software Editor : Software Factory solution**
Jenkins, Redmine, Puppet, Foreman, SonarQube, Kiuwan, GIT, Nexus, Artifactory
- **Software Quality Assessment Auditor / DevOps Coach : Fircosoft** Java/Spring/Oracle/Maven
- **SQA Auditor** : DGAC : PHP/Symphony/Silex
- **PHP Architect** : DGAC : PHP/Symphony/Silex
- **SQA Conseil d'état** : AngularJS/Javascript
- **SQA France Domaine** : Spring / Struts / JSF / JPA
- **SQA AXA** : Spring/Spring MVC/ Spring Security
- **SQA Cedricom** : Borland C/C++
- **SQA CRIDF** : Groovy / Liferay / Java/ Spring / JaxWS
- **SQA CampusFrance** : Struts 1/2, Java, Spring, ActiveMQ
- **Performance/Stress tester : Ministère Economie : JMeter, Selenium, SoapUI**
- **SQA Ministère Economie : Java / Spring / JPA**
- **SQA Pages Jaunes/SoLocal** : C/C++
- **DevOps Coach** : SoftAtHome Software Factory
- **DevOps Coach** : Amabis
- **DevOps Coach** : Conseil Régional Ile de France
- **Coach/Trainer** : CleanCode
- **Coach/Trainer** : Maven
- **Coach/Trainer** : BSC
- **Coach/Trainer** : SonarQube
- **Coach/Trainer** : Code Quality Tools

TOCEA

COFOUNDER AND CTO TOCEA/ECHOES LABS

Rennes, Quebec

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
- **Software Editor : Code quality and refactoring tools for the languages Java, Javascript, PHP, C/C++, Cobol, SQL**
technologies Java, Groovy, Maven, Gradle, GWT, JasperReports, Mysql, Eclipse, Hibernate, JPA
- **Software Editor : DevOps Dashboarding Solution**
Gradle, Spring, Spring MVC, Java, Groovy, JUnit, Spock, Elasticsearch, MySQL, Quartz, GWT, Wicket, JQuery, Mybatis
- **Software Editor : Code quality Saas Benchmarks** : SOA, CXF, ActiveMQ, Spring, Quartz, MySQL, SonarQube, GWT
- **Software Editor : SonarQube plugins** : Code qualimetry model plugins for SonarQube ISO 9126 / Technical Debt
- **Software Quality Assessment Auditor : Viaccess** Crédit Agricole GIE Pacifica, Banque en ligne
- **Software Quality Assessment Auditor : Viaccess** C/C++, STL, Boost
- **Software Quality Assessment Auditor** : Orange : JEE/Spring
- **Software Quality Assessment Auditor** : Swisscom : JEE/Spring
- **Software Quality Assessment Auditor** : Promutuelle : JEE/Spring
- **Software Quality Assessment Auditor** : Sigma : JEE/Delphi/Javascript
- **Software Quality Assessment Auditor** : SoftatHome C/C++
- **Software Quality Assessment Auditor** : Banque de France / Spring/Java/Javascript
- **Software Quality Assessment Auditor** : Bureau Veritas / Java/JEE/EJB
- **Software Quality Assessment Auditor** : Dictao(Morpho) / Java/JEE
- **Software Quality Assessment Auditor / Performance Diagnostic** : ENIM (Morpho) / Java/Spring/Hibernate/SoapUI/WS
- **DevOps Coach** : SoftAtHome Software Factory
- **DevOps Coach** : Conseil Régional Ile de France
- **Coach/Trainer** : Design Patterns
- **Coach/Trainer** : CleanCode
- **Coach/Trainer** : Java/JEE
- **Coach/Trainer** : Oracle 9 Performance Tips
- **Coach/Trainer** : Web Services/SOA

INRIA/IRISA

RESEARCHER FOR SERENITEC RESEARCH PROJECT

Rennes

Septembre. 2007 - Sep. 2010

- Creator of a innovating technology for the modernisation of software.
- Code Quality tool development : C/C++, Java
- Refactoring tool development : C/C++, Java
- Code Qualimetry tool development : C/C++, Java

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

Presentation

OCTO

Lausanne

PRESENTER FOR OCTO

July. 2017

- Internal presentation : Why should we love our software ?

SERIAL

Geneva

PRESENTER FOR SERIAL

Apr. 2017

- Internal presentation : Why code quality does really matter ? How to boost your dev skills.

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

Extracurricular Activity

Opensource Developer

Switzerland

SONARTSLINT, SONARESLINT PLUGIN

PRESENT

- Maintainer of the opensource SonarQube plugin SonarESLint.
- Contributor to some open-source projects.

HOBBIES

- Mountain Climbing
- Fishing
- Traveling
- Gardening