

Samuel Rakoton. Java EE Developer

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HIGHLIGHTS OF QUALIFICATIONS

Bilingual (English/French) software developer with proven experience in **CRM development using Java EE** to develop, test, debug, and deliver versions of the application into integration and production environments. Self-Motivated and team player, who always enjoys to collaborate and learn to better implement requirements keeping in mind the end product and the customer expectations.

Key Proficiencies

- **Programming:**
Java7/8, UML, ERD, SQL, JSF2, html5, css3, JPA/Hibernate, JavaScript
- **Development environment:**
V-Cycle, Agile, React, JSF2, Eclipse, Spring MVC, SpringBoot, SpringSecurity, Maven2, JUnit, SqlDeveloper, Sonar, Hudson, Jenkins, SVN, Git, Tomcat/GlassFish, Rest Services
- **Trouble shooting tools:**
ClearQuest, Jira, Synergy
- **Requirement Management:**
DOORS T-REK, Mantis, Rally
- **Document Management:**
MyWorkshop, Dimension, SharePoint, Confluence
- **Quality methods:**
8D, 5W2H, CA/PA, FTA, FMEA, Risks management
- **System Development Standards:**
ARP4754A, DO-178B, DO-254, IEC62304
- **Office Tools:**
Microsoft Project – Word – Excel – PowerPoint – Visio – Salesforce

PROFESSIONAL EXPERIENCE

Java EE Software Developer | Aubay France, Paris

Nov.2018 – Sept 2019

CRM to manage financing requests from French wineries to the ministry of agriculture.

- Requirements implemented, tested, bug fixed, versions of application delivered into integration and production environments.
 - **Front:** MVC model **Back:** WebService+Entities+DAO+JPAHibernate+Oracle Database
 - **Programming:** Java7, JSF2, Singleton Design Pattern, Soap WebService, SQL
- Performance:** 80 Problem Reports fixed and 3 new expressions of needs implemented within the last 6-month.
- Environment:** Eclipse, Maven2, SoapUI, SpringMVC, SQL Developer, Mantis, Tomcat, Glassfish, Sonar, Hudson, Jenkins, Agile

Processes and Product QA Manager | Oberthur Technologies, Paris

Mar. 2016- Sept. 2017

Quality Assurance Management of a Telecom Business Unit (BU) and its Products

- ISO9001: B.U processes formalised. Yearly Management Reviews organised.
 - Product Quality: Customers audits and claims supported: 8D coordinated- Complaint dashboard created, KPI monitored and reported to the BU director.
 - Project Management: customer onboarding new scheme | Quality contract.
- Performance:** Managed to keep the BU director CPMS KPI under 0,08 CPMS
- Environment:** ISO9001, Business Processes, Project Management, 8D, CA/PA, FMEA, Risk Mgt.

- QA Representative** | GE Healthcare, Paris **Mar. 2015- Jan. 2016**
Medical application software development quality
- Product development process review before audit following the SDLC
 - DoD and DoR completeness and harmonization check.
- Environment:** Medical Device, IEC62304, Rally, ClearQuest, Confluence, Agile
- Software Development Life Cycle Auditor** | Bombardier Inc., Toronto **Sept.2010- Jun. 2013**
Global 5,6,7,8000 Global Vision Flight Deck - Avionics Certification Project
- Audit of suppliers avionic embedded software development | Compliance Reported to TCCA
- Performance:** 4 avionics embedded software parts certified. ACE Company Award received on dedication to the Global 5000-6000 aircraft avionics certification.
- Environment:** ARP4754, DO178B, DO254, MISRA, MS-Project, TCCA, DAL A/C/D, V-Cycle
- Hardware Design Validation** | Thales Rail Signalling Solutions, Toronto **Mar. 2010- Sept. 2010**
Train electronic system validation
- Train system (VOBC): hardware electronic boards qualification by reviewing tests, test results, traceability, inspecting schematics and electronic boards, demonstrating and analyzing requirements.
- Environment:** Doors, Electronics Hardware, V-Cycle
- Software Engineer** | MTU Aero Engines, Munich **Jan. 2009- Dec. 2009**
TP400 Turbo-Propeller ECU Software Certification Project | Reverse Engineering and Software certification
- Requirements reverse-engineered from code | Code /LLR/ HLR reviewed | Showstoppers fed back to management.
 - Validation of peer reviews and updates of code/ requirements/ documentation
- Environment:** DO178B, MISRA, Embedded C code, V-Cycle
- Software Verification Engineer** | Sagem Defense & Security, Paris **Sept. 2007- Dec. 2008**
Avionics navigation system functional verification
- Test campaign scheduling and monitoring | Capture of problem reports (PR) | PR Test Plan
 - Change Control Board meetings supported.
- Environment:** Doors, Synergy, DO178B, FdxPlorer, Trace32

EDUCATION & PROFESSIONAL DEVELOPMENT

** Credential Assessment from the University of Toronto Comparative Education Service - Available*

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| Master in Automation, Electrical Engineering & Industrial Computing U.T.B.M, France | 2007 |
| Bachelor in Aeronautical & Industrial Systems Engineering I.U.P Evry, France | 2005 |
| Bachelor in Instrumentation Technology in Physics I.U.T Créteil, France | 2002 |

Professional Development

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| Java EE Training M2I, France | Jun – Aug 2018 |
| PMI Certified Associate in Project Management (Certification #: 2212385) | Mar 2018 |
| PRINCE2 Practitioner Project Management (Certification #: GR634042557SR) | Apr - Aug 2017 |
| FINANCIAL Math , CMA Paris | Jan - Apr-2016 |
| RTCA/ DO-178B & DO254 Advanced training at ENEA | Aug 2011 |