

# 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, SQL
- **Development environment:**  
V-Cycle, Agile, React.js, JSF2, Eclipse, Spring MVC, SpringBoot, SpringSecurity, Maven2, JUnit, SqlDeveloper, MySql, Sonar, 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.

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

## EDUCATION & PROFESSIONAL DEVELOPMENT

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

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

### Professional Development

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