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 an application into integration and production environments. Strong focus on product and customer expectations.

Key Proficiencies

- **Programming:**

JAVA 7/8, RESTful API, JSON, XML, Soap, HTML5, CSS3, Bootstrap, REACT, JSF2, JPA/Hibernate, MySQL

- **Environment / Framework:**

V-Cycle, Agile, Eclipse, Spring MVC, SpringBoot, SpringSecurity, Maven2, Junit, Tomcat/GlassFish, concurrency, multi-threading

- **Tools:**

Sonar, Jenkins, SVN, Git, Postman, VSCode, MySqlWorkbench, SqlDeveloper, ERD, UML, ClearQuest, Jira, Synergy, Doors T-rek, Mantis, Rally

- **Work Ethic**

- Customer focus: product Quality | interface ability to customer requests

- Trouble shooting approach (8D)

- Task Prioritization

- Constructive and collaborative approach

- Adaptable, Empathetic, Enthousiastic

- Willingness to learn new skills

PROFESSIONNAL EXPERIENCE

Java EE Software Developer | Aubay France, **France**   **Nov.2018 – Sept 2019**

   CRM to process 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**: Spring MVC **Back**: Soap WebService | Entities | DAO | JPAHibernate | Oracle Database
- **Programming**: Java7, JSF2, SQL

   Performance: 15 Problem Reports fixed per month and 3 new expressions of needs implemented
   Environment: Eclipse, Maven2, SoapUI, SpringMVC, SQL Developer, Mantis, Tomcat, Glassfish, Sonar, Hudson, Jenkins, Agile

Consultant: Product QA Manager | Oberthur Technologies, **France**   **Mar. 2016- Sept. 2017**

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

- ISO9001: B.U processes formalized. Yearly Management Reviews organized.
- 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

Consultant: QA Representative | GE Healthcare, **France**   **Mar. 2015- Jan. 2016**

Software Process Development Quality of a Medical application

- 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., **Canada**   **Sept.2010- Jun. 2013**

Global 5,6,7,8000 Global Vision Flight Deck - Avionics Certification

- Audits 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, **Canada**   **Mar. 2010- Sept. 2010**

Train electronic system validation against requirements

- 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, **Germany**   **Jan. 2009- Dec. 2009**

TP400 Turbo-Propeller ECU Software Certification Project | Reverse Engineering and Software certification

- Reverse-engineering from code to Requirements | 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, **France**   **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*

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**

Trainings & Development

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**
Bilingual French | English