

HIGHLIGHTS OF QUALIFICATIONS

- **IT:** CRM development using Java EE to develop, test, debug, and deliver versions of an application into integration and production environments.
- **Project Management:** Proven projects management ability supported by two certifications.
- **Quality Assurance:** Demonstrated ability to work with cutting edge technologies and processes, in support of SQA directors.

Key Proficiencies

Bilingual: French | English

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

Environments / Frameworks: Eclipse, Spring MVC, SpringBoot, SpringSecurity, Maven2, Junit, Tomcat/GlassFish, concurrency, multi-threading

Tools: Sonar, Jenkins, Hudson, SVN, Git, Postman, VSCode, MySQLWorkbench, SqlDeveloper, ERD, UML, ClearQuest, Jira, Synergy, Doors T-rek, Mantis, Rally

Requirement Management: DOORS T-REK, Mantis, Rally

Document Management: MyWorkshop, Dimension, SharePoint, Confluence

Quality methods: 8D, 5W2H, CA/PA, FTA, FMEA, Risks management

Development Standards: ARP4754A, DO-178B, DO-254, IEC62304, Waterfall, Agile.

Project: Project charter, WSB, Planning, Tasks definition, Progress tracking / Reporting, Stakeholder communication.

Office Tools: Microsoft Project – Word – Excel – PowerPoint – Visio – Salesforce

PRACTICAL EXPERIENCE

INDUSTRIES

Aeronautic, Railway, Medical, Telecom Business Unit, IT

INFORMATION TECHNOLOGIES

Requirements translation into code, unit testing, functional testing, debugging, work with continuous integration and delivery into production environment.

Technical Documentation update for new requests, modification, bug fix.

Front: Spring MVC, React

Back: Eclipse, Java7, java8, JSF2, XML Soap Services, JSON, Rest Services, Entities, DAO, JPA/Hibernate, MySQL

PROJECTS

- Sponsored by the BU Marketing Leader to establish new customers onboarding scheme: Project charter writing - Experts coordination - Work Break Down Structure – Planning - Synchronization with manufacturing - Task tracking and progress reporting to stakeholders, sponsor and during ExCom - BU process Flow & milestones established - ERP requirements set up – Project Delivery.

- Sponsored by the Quality director to establish a Product Quality Contract:

Project Charter writing - High level Planning writing – Coordination of product experts – Progress tracking - Delivery to the sales managers.

QUALITY

Company Level. Objectives flowdown Assessment: Vision-Objectives- Risks - Actions -Results - Corrective Actions - Product quality.

ISO9001 interfacing: Formalization of Business Case guidelines, updates of the Risk process, formalization of the Business Unit processes (Program, Marketing, Pricing, Sales, Fulfilment), Yearly Management Reviews.

Product Level. Support on Customers **product audit and claims:** 8D coordination- Creation of a Product FTA. Use of Fishbones diagram, 5W2H, CA/PA - Creation and monitoring of a Complaint dashboard with KPIs monitored by the business unit Managers – Customers and suppliers interface on Control Plans / FMEA/ Maintenance Plan /Quality presentations.

Scrum Team Level. Harmonization of software development teams DoD and DoR criterias to support the SQA manager.

System & Software Level: Lifecycle Auditing of Embedded Softwares via the certification documentation package, following the DO-178B / DO254 / ARP4754A aeronautical software certification standards.

Preparation of **audit Agendas**, Auditing, Actions Items and resolution tracking.

Life cycle and Requirements Assessment for correctness, completeness, uniqueness, testability, traceability, configuration, verification and validation reviews, change impact, issue fixing, versionning.

Functional Testing of Avionic device. Schematics and device Inspection / Analysis / Demonstration of compliance to requirements. Running SRS level test procedures. Exploration of ARINC/AFDX frames. Managing PRs. Tests and results assessment for traceability and completeness to requirements. Change Control Boards support.

PROFESSIONAL EXPERIENCE

Java EE Software Developer <i>Aubay</i> - PARIS	Nov. 2018- Sept. 2019
B.U Process & Product Quality Assurance <i>Oberthur Technologies</i> - PARIS	Mar. 2016- Sept. 2017
Software Quality Assurance <i>GE Healthcare</i> - PARIS	Mar. 2015- Jan. 2016
Software & Systems Certification <i>Bombardier Inc.</i> - TORONTO	Sept.2010- Jun. 2013
Hardware Qualification <i>Thales Rail Signalling Solutions</i> - TORONTO	Mar. 2010- Sept. 2010
Software Development Assurance <i>MTU Aero Engines</i> - MUNICH	Jan. 2009- Dec. 2009
Software Functional Verification <i>Sagem Defense & Security</i> - PARIS	Sept. 2007- Dec. 2008
Electronic technician <i>SAFRAN- Snecma Moteur</i> - PARIS	Mar. 2005- Sept. 2005

VOLUNTEERING & EXTRACURRICULAR

Korean Language Program - <i>Busan University, South Korea</i>	2014
School assistant for homework (primary school)- <i>Paris, France</i>	2004-2005
Teaching art of navigation on “Hobbycat 16” Catamaran- <i>Bretagne, France</i>	2003

EDUCATION

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

Professional Development

Java EE Training| M2I, France Jun – 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