Sofia Bongiovanni

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Technical Project Manager
Senior Software Developer
Strong experience in QA

HIGHLIGHTS

- Verifiable track record of managing and delivering complex projects and products on time, on budget and above expectations.
- Recognized as a reliable person providing high quality work.
- Strong communication skills applied working in transversal teams with people world-wide (US, France, Germany, UK and India).
- Promoted to positions of responsibility due to performance and results.
- Strong background in full stack software development on websites and distributed applications.
- Defined test strategies for technical, functional, end-to-end, automatized tests and non-regression.
- Implementation and execution of Whitebox and Blackbox tests.
- Polyvalent, dynamic and highly adaptable person.

SKILLS

- **Languages**: Java J2EE, JavaScript, JSP, Struts, SOAP, REST, Swift, Dart, XML, JSON, SQL, PL/SQL, Bash, HTML.
- **Operating systems**: Unix, Windows, MacOS.
- **Testing tools**: ALM, Selenium, UFT.
- **Collaborative tools**: Jira, Redmine, Confluence, Bitbucket.
- **Versioning tools**: Git, ClearCase, CVS, VSS, PVCS.
- **Databases**: SQL/Server, Oracle, PostgreSQL, Informix, MySql.
- **Application servers**: WebLogic, Tomcat, JBoss.
- **Methodologies**: Agile, Scrum, Kanban, Waterfall.
- **Planification tools**: Sciforma (MS Project).
- **Conception tools:** Rational Rose, Together, AMC Designer.

PROFESSIONAL EXPERIENCE

06/2019 – now   **Mobile Software Developer - Doral, Florida, United States**

- Conception and development of mobile applications for iOS (**Swift**) and Android in (**Flutter/Dart**) using **XCode** and **Android Studio**.
- Designed reactive UIs.
- Connected to third-parties **API** (Microsoft).
- Managed user login flow using **OAuth2**.
- Developed all business logic using **Swift**, **Java** and **Dart**.
- **Whitebox** and **Blackbox testing** using **XCTestCase**.
- Used **Git** and **Bitbucket** to manage source code on **Windows** and **MacOS.**

02/2012 – 05/2018   ACOSS (French Social Security) - Sophia-Antipolis, France

<u>Technical Product Manager</u>

- Accountable for 20 distributed applications in the **Integration and Tests department**.
- Quickly promoted as Technical Product Manager due to strong skills in the test activity, leadership and involvement in the department.
- Defined **Test Strategies** and accountable for the execution of test campaigns (technical, functional, end-to-end and automatized) using **UFT, ALM, SOAP, Selenium.**
- Efficiently managed and coordinated the test activity with 3 external DBS (Delivery Based Service) of 15 resources on site and ex-situ.
- Reviewing all DBS deliverables including test implementation and documentation.
- Integration and **continuous release management** for Integration, QA and Production on tight schedules and on **Agile Methodology (Scrum)**.
- Played a key role to promote the department activity to R&D top management in meetings.
- Put in place an onboarding guide to get newcomers up to speed rapidly using **Confluence**.
- Collaborated closely with DevOps, Developers teams and Client to secure a high quality of product before production diffusion on a **Distributed environment**.
- Managed the budget and its optimization using **Sciforma (MS Project)** and **Redmine.**
- Used **Java**, **SQL, JSON** and **Shell** to write a complex extractor and parsing tools used by the whole department.
- Built a dashboard using **Java, JSP, Tomcat** and **SQL** to show progress of the test release, providing visibility and reports to all key stakeholders of the project.
- Assist QA engineer and DevOps in debugging critical production issues in **Tomcat** server on **Unix**.
- Successfully handled unexpected situations under high pressure, showing high reactivity and decision making.
- Handle recruitment interview for QA Engineers.

<u>QA Engineer</u>

- Effectively developed and supported tests plans and executing test campaigns on **ALM** for **distributed applications**.
- Tested webservices interoperability by using **SOAP UI, REST, SQL, Bash** and parsing output results in **JSON** and **XML**.
- Installed, configured, tested and delivered distributed application to Production on **Unix**.
- Provided detailed technical documentation for application configuration and installation.
- Troubleshooted technical, functional and performance issues on a complex distributed environment.
- Managed dependencies between technical and functional components.

03/2005 – 02/2012   Amadeus - Sophia-Antipolis, France

<u>Development Integrator in Product & Tool Integration team</u>

- Oversaw one of company's the biggest product for Travel Agents (Sell Connect – 300 000 users worldwide)
- Activities of coordination and project follow-up with **Agile methodology (Scrum)**
- Successfully maintained stability of the integration streams using **Continuous Integration** and **Jenkins**.
- Proposed solutions for **Branching Strategies** in Source Code Management System (**ClearCase** and **Git**) to development teams.
- Effectively worked in a **transversal group** with several **multicultural teams** on different time zones (FR, US and India).
- Developed all stacks of a web and a stand-alone application helping Integration activities using **Java, JSP, JavaScript, CSS, SQL, JSON, XML, SOAP, REST,** offering dashboards to provide visibility of the test progression to teams.
- Met effectively all **CMMI** Quality.
- Setup and configured **Java WebLogic** server and **SQL Server databases** on **Windows.**
- Extensively used **Jira** and **Confluence** as collaboration tools.
- Coordinated, managed and controlled the component releases delivered by R&D, their dependencies **(maven, Nexus, Artifactory)**, configuration changes and prerequisites.

<u>Software Engineer in AirCanada competency center</u>

- Developed backend services for www.aircanada.com using **Java J2EE, EJBs** on **WebLogic** server in a huge codebase.
- Developed UI parts using **JSP** and **JavaScript.**
- Thoroughly respected coding best practices: neat, reusable and efficient code using **Junit, Checkstyle** and met all requirements (entry criteria) by providing detailed documentation and test plans.
- Responsible for **PCIDSS Audit** and collaborated with Security Operations teams to ensure **PCIDSS** compliance for aircanada.com website.
- Redactor of Technical and Functional specifications in close contact with the client.
- Skillfully created tests and test plans for campaigns execution using **ALM, Soap UI, Selenium, XML, REST, SQL** and **Bash** on **Unix.**
- Built and executed **non-regression**, functional and **performances** (profiling) campaigns before delivering application to QA team.
- Effectively debugged and corrected issues in production on a weekly basis to increase customer satisfaction.
- Created support documentation for fellow co-workers to rapidly onboard newly hired employees.
- Supported QA Engineers during their test campaigns.
- Worked in a multicultural environment with several teams in site and ex-situ involved in the Competency Center.

12/2003 – 12/2004   EUROGICIEL - Sophia-Antipolis, France

<u>Full - Stack Software Engineer</u>

- Designed and developed **full-stack web** applications for France Telecom and Experian Companies.
- Used **Java J2EE** for the backend development.
- Extensively used **JSP, CSS, Struts, Tiles** and **JavaScript** languages for Front-End implementation.
- Responsible for the billing development in **PL/SQL** for the website "jedeclare.com", extracting data from **Oracle** database.
- Participated in the **client requirements definition** and redaction of the **Technical and Functional specifications**.
- **Unit tests** implementation during development using **Junit.**
- Implementation of test plans, campaign creation and text execution with **ALM.**
- Used **Shell scripts** and **SQL** for executing test campaigns on **Unix** systems.
- Production support on daily basis and **advanced debugging** on **Unix.**

10/2000 – 11/2003   FERMA - Sophia-Antipolis, France

<u>Full - Stack Software Engineer</u>

- Designed web application for phone operator and home banking using **UML** and **Rational Rose.**
- Developed backend parts using **Java** and **EJBs.**
- Learned UI development based on **JavaScript** and **JSP** and **CSS.**
- Unit tests implementation using **Junit.**
- Successfully in charge of the **Oracle and Informix** database's conception and development.
- Assessed client requirements and translated them into specific **Technical** and **Functional specifications**.
- Implementation of test plans, campaign creation and test execution using **Excel.**
- Wrote **Shell scripts** to deploy the applications in all environments (development, integration, tests, pre-production and production).
- Production support.

04/2000 – 09/2000   **Lucent Technologies Nice, France** - Internship
- Successfully developed a web GUI in **Java** to Migrate customers between phone platforms within deadlines.
- Wrote script to deploy the application on **Unix** and Windows using **Shell**.

08/1998 – 01/1999   **IBM La Gaude, France** – Internship
- Used **Swing** and **Java** to develop a traffic generator for IP networks.
- API connectivity using **RMI**.

EDUCATION

09/2000	**Specialized Master Level (DESS) - SIA** (Advanced Information Systems), Jean Moulin Lyon University, France
06/1999	**Master's degree MIAGE** (Informatique Methodologies for Enterprise Management), IUP, Nice Sophia-Antipolis, France.
06/1997	**Bachelor's degree Mathematics & Computer Sciences,** Science University, Nice Sophia-Antipolis, France.

TRAININGS

06/2015	Remote Team Management – 2 days (Excellens)
10/2004	Sun Certified Java Programmer for Java (score 85%).
06/2001	UML training – 6 days (Valtech).
03/2001	Conception and development of databases – 9 days (Informix).

LANGUAGES

English: Proficient.
Spanish: Native Language.
French: Native Language.

MISCELLANEOUS

Sports and hobbies: Running, cooking.