BOGDAN MOLDOVAN

QA SOFTWARE ENGINEER

ADDRESS
G-ral Eremia Grigorescu III
Cluj - Napoca, România

PHONE
+40 742734688

EMAIL
bogdanmoldo@icloud.com

Profile

- 6 years+ of large-scale, multi-disciplinary testing experience
- certified ISTQB Foundation Level
- certified ISO/IEC 27001:2013 Internal Auditor (PECB)
- certified ISO/IEC 27001:2013 Lead Auditor (IRCA)
- experience in testing SaaS applications
- experience working with Agile methodologies such as Scrum or Kanban

Organized, detail and result oriented person who is seeking to gain real world experience in engineering and computer science. Creative, self motivated and technical-minded individual who works well in teams or independently. Easily communicate with the people I work and proactively participate in providing innovative ideas and solutions. Highly adaptable at learning and understanding new procedures and techniques, precise in my work and able to handle stressful situations responsibly. Work as a strong agile team player with proficiency in time management to meet deadlines and handle changing priorities.

Experience

1. QUALITY MANAGER, **FREQUENTIS AG**
   HQ: VIENNA, AUSTRIA

   NOVEMBER 2016 – PRESENT
   - Primary Duties and Responsibilities:

     - Ensuring compliance with software safety and quality standards: ISO 9001, RTCA DO-278 / EUROCAE ED-109, ED-153
     - Create strategies and prepare plans and manuals for quality assurance
     - Assessing product specifications and customer requirements and include them in the traceability
     - Interface and point of contact regarding processes and quality requirements for Frequentis Vienna Quality Management.
     - Point of contact for the Air Traffic Management teams regarding process / quality issues
     - Maintaining a constant awareness of the business context
     - Support in software assurance for product releases
     - Writing technical and quality management system reports
     - Set up the internal auditing program
     - Holding internal training presentations

2. SENIOR QA AUTOMATION ENGINEER, **SDL PLC (LANGUAGE WEAVER)**
   HQ: MAIDENHEAD, UNITED KINGDOM

   ### JULY 2015 – NOVEMBER 2016 (1 YEAR 4 MONTHS)

   - Front-End + Back-End (BDD - Cucumber) testing for Enterprise products.

     Primary Duties and Responsibilities:
     - Acquire in depth business technical knowledge of the products under test
     - Analyze business requirements, design tests, implement tests (e.g. using Selenium Webdriver, Cucumber-BDD), run automated tests, analyze the testing results
     - Report the results and retest (integrated BDD testing framework with TestRail)
     - Maintain the automation framework
     - Manual testing REST API endpoints (HTTP Compression: gzip)
     - Create automated script(e.g. using JAVA) for product deployment
     - Working with JMeter for performance testing
     - Working with OWASP Zed Attack Proxy (ZAP) for security testing (penetration testing)
     - Working with Apache Tomcat 7, 8
     - Using Jenkins / Hudson for continuous integration
     - Databases: ORACLE, MSQL
     - Documenting QA Automation Testing strategy

3. QA AUTOMATION ENGINEER (FREELANCER), **CONTINUUM SECURITY**
   HQ: HUESCA, ZARAGOZA, SPAIN

   ### JANUARY 2016 – FEBRUARY 2016 (1 MONTH)

   - Migrating the entire automation testing framework from JBehave technology to Cucumber
   - Restructuring the framework by using JAVA page objects
   - Working with Gradle, JBehave, Cucumber, Java, Apache ANT, ZAP, JUnit

4. QC ENGINEER LEVEL II, **S.C. SOFTVISION S.R.L**.
   HQ: CLUJ-NAPOCA, ROMÂNIA

   ### OCTOBER 2014 – JULY 2015 (10 MONTHS)

   - Front-end testing for a GUI multi-user trading platform(developed in Erlang):
     Primary Duties and Responsibilities:
     - creating, executing and maintaining manual test cases
     - building from scratch a Selenium framework using Java programming language for replacing mostly manual tests and improve regression testing time

   - Back-end testing for the same aforementioned trading platform::
     Primary Duties and Responsibilities:
     - developing, executing and maintaining Web Services(REST API) automated tests using Funcunit(Javascript) and TestNG framework(JAVA)
     - developing, executing and maintaining Core automated tests(built in-house framework) written in Erlang

5. QC ENGINEER LEVEL I, **S.C. SOFTVISION S.R.L.**
   HQ: CLUJ-NAPOCA, ROMÂNIA

   ### OCTOBER 2013 – OCTOBER 2014 (1 YEAR)

   - Building a testing framework(Geb) with dynamic data providers(test inputs) using Groovy dynamic language and Selenium Grid for a faster continuous integration process

- Implementing and maintaining automated tests for a web application used for electronic exchanges
- Manual testing: creating test cases, bug regression, black-box testing, functional testing, exploratory testing
- Working with Docker, Xvfb, Rest API, Verifix Tool for FIX Protocol, OpenCRX, RabbitMQ.
- Internal courses:
  - JAVA Programming Language Course
  - Python Web Development Course
  - Design patters tech talk
  - HTML5
  - Cascading Style Sheets (CSS)
  - International Software Testing Qualifications Board (ISTQB) - Foundation Level
  - Object Oriented Analysis and Design (OOAD)

6. QA SOFTWARE TESTER, **S.C. SOFTVISION S.R.L**.
   HQ: CLUJ-NAPOCA, ROMÂNIA

   OCTOBER 2012 – OCTOBER 2013 (1 YEAR)

   - Build testing framework using Selenium Webdriver with JAVA - Maven implementation
   - Implementing and maintaining automated tests using Selenium testing framework
   - Using Page Objects Design Patterns
   - Manual testing: creating test cases, bug regression, black-box testing.
   - Working with Redmine, TestRail

7. QA INTERNSHIP, **S.C. SOFTVISION S.R.L**.
   HQ: CLUJ-NAPOCA, ROMÂNIA

   OCTOBER 2012 – NOVEMBER 2012 (2 MONTHS)

   - QA Basics and Testing Fundamentals Training
   - Automation Testing Principles Course: Selenium IDE, Selenium Webdriver, Python, Java Robot.
   - Time Management for Maximum Productivity Course

8. INTERNSHIP, S.C. NET BRINEL S.A.
   HQ: CLUJ-NAPOCA, ROMÂNIA

   AUGUST 2011 – OCTOBER 2011 (3 MONTHS)

   - Performing manual Testing on a web based application
   - Designing and implementing manual test cases
   - Writing software documentation for end users

Certifications

- ISTQB CERTIFIED TESTER - FOUNDATION LEVEL (APRIL 2015)
  - Certification authority: ANIS Romania
  - License number 15-CTFL-1079-SEETB

- ISO/IEC 27001:2013 INTERNAL AUDITOR (FEBRUARY 2016)
    - Certification authority: Advisera - 27001Academy
    - License number 27I-00112

- ISO/IEC 27001:2013 LEAD AUDITOR (MARCH 2016)
    - Certification authority: RINA SERVICES S.p.A
    - License number: *2016_I80-ROM-Nr.004-P*

- ISO/IEC 9001:2015 INTERNAL AUDITOR (MARCH 2017)
    - Certification authority: TÜV Rheinland

Education

- NATIONAL COLLEGE ALEXANDRU PAPIU ILARIAN, TARGU-MURES, ROMANIA
  Department of Mathematical Informatics, 2004 - 2008

- TECHNICAL UNIVERSITY OF CLUJ-NAPOCA, ROMANIA
  The Faculty of Electronics, Telecommunications and Information Technology

  Technology and Telecommunications Systems, 2008 - 2013

Skills

- ISO experience:
    - Defining and documenting policy, procedure and process
    - Ability to understand and align business goals, strategies and objectives with security goals
    - Expertise in defining, articulating and measuring key components of risks such as threats, impacts, vulnerabilities and probabilities using a structured model
    - Able to distinguish assets of different categories and risk uniqueness in each asset or asset groups
    - Strong technical background on application/database/network security
    - Strong background on researching new vulnerabilities and how they can exploit a specific infrastructure
    - Ability to advise client/top management whether to pursue a risk/vulnerability or not
    - Experience in advising client using their structure as to who should implement a specific gap. and able to guide an implementer (nominated team within the organization for a specific gap) with right direction on why the policy has to be implemented in terms of business value and risk reduction
    - Able to evaluate the successful implementation of a control and to ensure the cross functional impact as a result of a newly implemented policy

- Coding experience:
    - Basic ability in JavaScript, HTML, CSS, Python, Erlang, C++/C#
    - Intermediate ability in JAVA, Groovy

- Testing experience:
    - Creating test documentation, including test plan, test strategy and test scenarios/cases
    - Functional and regression testing
    - Web Testing Experience

- Integration testing
- Performance testing
- Security testing
- Black box and white box testing
- Integration testing
- Acceptance and sanity testing
- iOS, Mac OS Testing Experience
- Android and Windows Mobile Testing Experience
- Symbian OS / Web OS Mobile Testing
- Working with TestRail, Redmine, JIRA
- Working with Agile Software Methodologies: SCRUM, KANBAN

- Automation Testing Tools:
  - Web: Selenium IDE, Selenium Webdriver, Selenium Grid, Geb Framework, Selenide, Groovy, Spock, TestNG, Funcunit, NUnit, JUnit
  - Desktop: TestComplete
  - BDD: easy-b, Cucumber, SpecFlow, Jbehave
  - Security testing: ZAP
  - Performance testing: JMeter
  - Others: Sikuli, Auto IT

- Other experience:
  - IDE: Eclipse, InteliJ IDEA, Netbeans, MS Visual Studio, Xcode
  - Database Tools: ORACLE SQL Developer 4.1.0.19, SQL Server 2014 Management Studio, TOAD, pgAdmin
  - Version control: GIT, Apache Subversion(SVN)
  - Operating Systems: UNIX OS(Ubuntu, Mac OS X), MS Windows
  - Others: MS Office, iWork(Pages, Numbers, Keynote), Adobe Collection, Corel Draw

- Language:
  - Advanced listening, speaking and writing of <u>English</u>
  - Basic listening, speaking and writing of <u>French</u>