

Mehdi SHOKOOHI

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Software Quality Engineer / Software QA Developer / Software Tester

TECHNICAL SKILLS

- Software programming: Python, C++, Bash;
- Software testing: Automate testing, Manual Testing, Functional Testing, System Testing, Load Testing, Performance Testing, DDT, TDD;
- Software testing and development tools: Selenium, Locust, Jmeter, Postman, Jenkins, Docker, JIRA, Git, Bitbucket, Gitlab, Gitlab CI/CD;
- Database management: SQL, MySQL, PostgreSQL, MongoDB;
- Telecommunication systems: ICT, TCP/IP, VoIP, IP telephony, Asterisk;
- Operating Systems: Linux (Ubuntu, Arch Linux), Apple MacOS and Microsoft Windows.

QUALIFICATIONS:

- 14 years of experience in software development;
- 10 years of experience in software quality assurance and software testing;
- Strong knowledge of Quality assurance principles and best practices;
- Excellent Analysis, problem solving and time management skills;
- Experience of functional, and Non-functional testing;
- Excellent knowledge and experience in web-application testing with Selenium;
- Experience working with source code management tools such as GIT, GitHub and GitLab;
- Good experience in software programming with Python, C++, Bash, and Dialplan;
- Good knowledge and experience in database management with SQL, MySQL, PostgreSQL and MongoDB;
- Professional attitudes: Excellent analysis, problem solving and time management skills, detail-oriented, creative, flexible, team player and autonomy.

LANGUAGES: English, French and Persian

EXPERIENCE

Senior Software Quality Engineer

Netapp, (Remote)

Jun 2022 – Present

- Develops, modifies, and executes software test plans, automated scripts and programs for testing. Analyzes and writes test standards and procedures.
- Maintains documentation of test results to assist in debugging and modification of software.
- Analyzes test results to ensure existing functionality and recommends corrective action. Consults with development engineers in resolution of problems.
Provides feedback in preparation of technical appraisals of programming languages, systems, and computation software.
- *Ensures quality computer integration into the overall functions of scientific computation, data acquisition, and processing.*
- **Technical Environment:** AWS, GCP, Azure, Automation Testing, Manual Testing, Unit testing, Integration Testing, API Testing, Python, Pytest, bash, Docker, Git, Jenkins, Jira, TestRail, MacOS.

Senior Software QA Developer
Algolux, Montreal

Apr 2019 – Jun 2022

- Design, develop, and execute detail-oriented automation test scripts and test cases based on product specifications.
- Actively participate in test planning discussions to assure automation coverage is continuously improving.
- Collaborate with other testers and developers to improve testing processes.
- Analyze root cause of automation test case failures.
- Improve exploratory/manual testing in areas where automation is not yet available.
- Advocate code-level testing and establish good practices within the team.
- **Technical Environment:** Automation Testing, Manual Testing, Unit testing, Integration Testing, System Testing, Performance Testing, API Testing, Python, Pytest, Glances, Requests, Jupyter, bash, Docker, Git, Gitlab, Gitlab CI/CD, Jira, xray, Linux (Ubuntu)

Software QA Developer
Aerial Technologies, Montreal

Jan 2019 – Mar 2019

- Document test plans
- Design, implement and execute test cases - manual and automated
- Collaborate with R&D, Engineering and Product Management teams to deliver quality and timely solutions
- Act as a core member of our Agile team
- Contribute to the ongoing plans to refine and improve the internal software development processes, test methodologies, and internal testing tools
- **Technical Environment:** Automation Testing, Manual Testing, API Testing, SoapUI Pro, Python, Groovy, Hashicorp Nomad, AWS, Docker, Git, Jira, Linux (Ubuntu/Debian)

Software QA Analysis
Barco, Montreal

Jan 2018 – Dec 2018

- Contribute to improvements in quality for the core product;
- Perform integration and regression testing of products;
- Develop test plans to ensure quality and on-time delivery of builds to production;
- Writing automated test script using Python and/or JavaScript;
- Coordinate testing efforts by customer support, engineering and other Barco Divisions;
- Following industry standard application testing techniques and practices
- Working with software developers
- Testing web-based applications, modules and databases in collaboration with other developers and software architects
- Testing server-side and client-server application
- Testing and documenting test cases

Technical Environment: Automation Testing, Manual Testing, Black-box Testing, White-box Testing, Selenium WebDriver, Python, Robot Framework, WebdriverIO, MongoDB, Node.js, AngularJS, React, Git, Jira, Linux (Ubuntu, Debian and Alpine).

Software Analyst and Consultant
Xtreme Prototypes Inc., Montreal

Jan 2017 – Dec 2017

- Review requirements, specifications and technical design documents
- Develop, test and maintain web pages and back end systems
- Design, program and test special software modules
- Develop test plans, test cases, test scripts and test reports based on projects requirements
- Develop and execute automation scripts using tools such as JMeter and Selenium and analyze output

Technical Environment: Installation testing, Configuration Testing, Manual Testing, White-box Testing, PHP Development, MySQL, JMeter, Selenium, MS Visual Studio, Prepar3d.

Software QA Analyst
Matin Communication Research Inc., Iran

Mar 2011 – Jun 2014

- Review requirements, specifications and technical design documents
- Develop test plans, test cases, test scripts and test reports based on projects requirements
- Design, develop and execute automation scripts using tools such as JMeter, Selenium, Appium and analyze output
- Perform testing of new features as well as regression testing of existing systems

Technical Environment: Load Testing, Performance Testing, Automated Testing, Manual Testing, White-box Testing, SoapUI, GIT, GitHub, Python, Java, SQL (MySQL, PostgreSQL), NoSQL (MongoDB), Windows Server, Linux (CentOS, Ubuntu)

Software Developer and IT Project Manager
Matin Communication Research Inc., Iran

Jan 2008 - Dec2011

- Execute full software development life cycle (SDLC)
- Write well-designed, testable code by PHP, Java, Bash and Dialplan (Asterisk) on Linux
- Document and maintain software functionality
- Designing and applying appropriate project management standards

Technical Environment: Python (Pycharm), Java (NetBeans), PHP, Laravel, Visual Basic, C++, SQL (MySQL, PostgreSQL), Shell Scripting (Korn Shell, Bash), DialPlan, Asterisk, Windows Server, Linux (CentOS, Redhat)

EDUCATION

Master's Degree of Quality System Engineering
Concordia University, Montreal

2014 – 2016

Bachelor's Degree of Computer Science
Payame Noor University, Iran

2006-2010

Bachelor's Degree of Economics
Shiraz University, Iran

2000-2004