

Passionate Test Automation engineer with a strong track record in designing innovative testing solutions and streamlining complex workflows across industries. Skilled in leveraging advanced Tools and automation frameworks to deliver efficient and reliable software. With hands-on experience in CI/CD pipelines, custom application development and optimizing manual testing processes, I am committed to enhancing software quality and aligning technical solutions with business objectives. Dedicated to continuous learning and impactful contributions, I aim to drive excellence in every project I undertake..

Work History

- 2021-10
-
2025-01

Software Developer /Test Automation Engineer

QESTIT, Vienna, Austria
Position: Consultant
Projects:
1-SVC (Austrian Health System)

 - **Significantly Reducing Manual Testing Effort:** Designed and implemented **automated testing solutions**, including a **Java-based platform** that empowers testers to write and execute tests directly within Excel files as input data, generating **comprehensive HTML reports**. This user-friendly solution streamlined the testing process, significantly reducing manual testing effort from 2 days to under a minute. Our ongoing development aims to further reduce this to under 10 minutes for a 60-hour workload, with clear and understandable reports.
 - **Enhanced Efficiency and Automation:** Developed custom test scripts for complex applications, leveraging frameworks like **JUnit** and **TestNG** for test execution. Additionally, created batch scripts to automate **Tosca** environment setup, streamlining the entire testing process
 - **Defect Management & Collaboration:** Identified & reported bugs, collaborating with team to resolve them & ensure timely delivery of high-quality software.
 - **Spearheaded CI/CD Implementation (Jenkins):** Managed system test deployments and version control using Jenkins pipelines. Collaboratively **developed automated test pipelines** with a colleague, aiming to streamline testing through Jenkins integration.
 - **Tosca Testing:** Executed both frontend and backend tests using Tosca, automating workflows to enhance test coverage and efficiency.
 - **SOAPUI Testing:** Performed comprehensive SOAP UI, ensuring secure, reliable and functional endpoint.

Mohsen Fakhari

Software Test Automation (Software Developer In Test)

Contact

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Education

2012-10 - 2014-05
Master of Petroleum Engineering
University of Leoben - Leoben, Austria
Thesis: Evaluation of Hydrophobic Coated Glass Beads for Utilization in Gravel Pack.

2011
Bachelor of Science: Petroleum Engineering
Islamic Azad University-South Tehran Branch - Tehran

Skills

- Java, Python, Typescript
- Springboot, Restful API, OAUTH2,JWT
- MySQL, Postgres,Oracle
- Jenkins,Docker,Kubernets

- **Desktop Application Development:** Designed and developed a card simulator desktop application, enabling testers to simulate card insertions and test the platform efficiently.
- **Microservices-Based System Testing:** Worked on a distributed healthcare system composed of multiple independent services, each handling specific functionalities such as prescription management, patient data retrieval, and doctor interaction. Automated testing and ensured seamless inter-service communication through API validation and integration testing, contributing to the system's reliability and performance.
- Acted as a key contributor in defining test automation strategies and **mentoring junior testers**. Provided technical guidance in designing automated testing solutions, ensuring best practices in CI/CD, and improving test coverage across microservices-based systems.

2-ÖBB (Austrian Federal Railways):

- Designed and implemented a test system to automate the validation of train schedules generated by the ÖBB's **Fahrplanung** (schedule planning) application. This test system compared outputs from a new scheduling tool with a reference tool, ensuring accurate timings, routes, and potential conflict identification for the train network.

2019-02
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2021-09

Software Developer in Test

BVAEB, Vienna, Austria

Position: Developer in Test

- Developed automated test scripts using **Java**, **Selenium WebDriver**, **JUnit**, and **RC Server** for GUI, backend, and database validation.
- Automated batch processes to manipulate databases and validate backend workflows, ensuring data integrity.
- Designed and executed **API tests with SoapUI**, ensuring secure and functional endpoints.
- Managed test environment updates via **Jenkins** pipelines, integrating automated tests into the CI/CD pipeline for rapid feedback and consistent quality checks.
- Conducted **cross-browser GUI** testing and resolved dynamic element issues, ensuring consistent user experiences.
- Documented test cases and tracked progress using **Zephyr** and **JIRA**, enhancing test management and collaboration.

- Selenium,TestNG,SOAPUI, Tosca, Katalon
- HTML,CSS,Java Script (Basic)
- Jira , Confluence, Xray,QTest
- Experienced in Agile testing methodologies (Scrum, Kanban), sprint planning, backlog refinement.
- Splunk, Kibana (used for analyzing logs, troubleshooting system issues, and monitoring application performance)

Languages

Persian: Native language

German C1

Advanced

English C1

Advanced

Arabic A2

Elementary

- Improved efficiency by automating batch processes for backend workflows, reducing manual testing efforts by 60%.

2015-08

Researcher

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2018-12

Department Petroleum Engineering, Leoben, Austria

- **Sand control and scaling Research:**
 - o Designed and built a test flow loop to replicate field production processes, enhancing oil and gas production through optimized gravel packing and advanced data analysis.
 - o Innovated a glass beads gravel aching system with OMV and Swarco, improving permeability and reducing scaling.
- **Energy Recovery and Oil & Gas Production Enhancement:**
 - o used Pipesim to identify optimal operating conditions in depleted reservoirs and consulted oil companies on efficient pump replacement strategies.
- **Oil-Water Separation and Emulsion Challenges:**
 - o Engineered solutions for achieving efficient oil-water separation using ultrasound and chemical methods, enhancing process efficiency in production facilities.
 - o Developed techniques to overcome emulsion-related bottlenecks in surface facility designs, leading to improved operational efficiency.

Accomplishments

- ISTQB foundation level - ISTQB - International Software Testing Qualifications Board
- Certified professional for requirement Engineering - IREB
- EdX Verified Certificate for How to Code: Simple Data - The University of British Columbia
- EdX Verified Certificate for Data Science: Machine Learning - Harvard University
- EdX Verified Certificate for Analyzing and Visualizing Data with Power BI - Microsoft
- EdX Verified Certificate for Introduction to Python for Data Science - Microsoft
- Automation Specialist Level 1 & 2 - Tricentis