**Resume – David Dvir**

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**GitHub**: [github.com/DavidDvirFolder](https://github.com/DavidDvirFolder) | **Portfolio**: https://daviddvir.netlify.app/| **Location**: Haifa

**Profile:**

* Software QA Engineer with over three years of experience in both manual and automated testing within a dynamic software development environment.
* Leads projects for testing software products in web-based and native mobile applications, with a focus on SaaS environments.
* Possess string knowledge of QA processes and methodologies such as Agile, waterfall and Scrum.
* Experienced in testing both frontend and backend (server-side logic) of cloud-based and on-premises services.
* Proven track record as a Mobile QA Engineer, specializing in comprehensive testing for both iOS and Android using industry-leading tools such as Appium, and mobile emulators like Sauce Labs.
* Proficient in crafting STP, STD, and STR documents, ensuring clarity, traceability, and efficient execution.
* Skilled in Python and Java for automated testing. Adept with CI/CD tools like Selenium, Playwright, Git, Jenkins, Azure DevOps to automate tests within established development pipelines.
* Proficient in SQL, with expertise in writing JOIN operations and hands-on experience in crafting complex queries, including nested queries, for MySQL and PostgreSQL databases.
* Automated REST/SOAP API testing using Postman and Newman scripts with tailored XML/JSON data.
* Possess in-depth knowledge of AWS cloud technologies (S3, API, CloudWatch) to ensure data management, and performance monitoring.
* Logging expertise demonstrated in capturing and analyzing data from both front-end using console logs and back-end, ensuring effective troubleshooting.
* Effectively uses project management and bug tracking tools like Jira and TestRail.
* Strong technical and analytical skills, fast learner, independent, and able to deep dive into complex problems and find their root cause.

**Professional Experience:**

**QA Engineer | Things, Hod-Hasharon | 2023-Present**

Leading a project involving both manual testing and automation script writing for a medical software product. Actively contributing to software development using the Scrum methodology.

* Reviewed and meticulously analyzed SRS specifications throughout the software development lifecycle, ensuring alignment with customer requirements.
* Crafted clear, concise, and comprehensive test documents (STP, STD, STR) for both web and mobile technologies, providing a structured foundation for testing processes.
* Conducted rigorous integration and REST/SOAP API testing using JavaScript code and tools such as Postman, Swagger and Newman, ensuring seamless communication between software components.
* Developed and executed robust automation scripts in Java utilizing Cucumber as test framework, along with Jenkins, Selenium and Git. These contributions significantly enhanced the efficiency and reliability of the testing process.
* Performed thorough compatibility and end-to-end tests for Android/iOS apps using mobile emulators, ensuring a consistent and high-quality user experience.
* Developed data-driven tests utilizing data files and SQL queries in MySQL and MSSQL, ensuring data integrity and functionality within the application.
* Executed comprehensive testing in CRM system, covering data synchronization, business logic, performance, and information security, guaranteeing data fidelity and user privacy.
* Investigated issues based on the HTTP/TCP communication protocol using Fiddler/Wireshark and interpreted logs in the AWS cloud environment, contributing to effective issue resolution.
* Reported development issues and progress status in the testing system, using Jira and TestRail, to maintain clear communication and documentation throughout testing phases.

**Mobile QA Engineer | Mind, Ramat-Gan | 2021-2023**

Led a project for testing native applications on Android and iOS operating systems, overseeing comprehensive mobile QA processes. Contributed to software development using the Agile methodology.

* Conducted comprehensive review of SRS specification documents and authored STP, STD, STR for diverse applications, including Web, Mobile, and CMS systems.
* Executed client-side testing using emulators such as Sauce Labs and Browser Stack to ensure optimal application performance across various environments.
* Planned, developed, and executed automation test scripts in Python, utilizing Playwright to optimize testing processes and ensure software quality.
* Performed server-side integration and API testing, leveraging tools like Postman and Swagger. Proficient in editing JSON files for effective testing.
* Conducted robust database testing utilizing SQL queries in MSSQL as the RDBMS, ensuring data integrity and seamless functionality.
* Ran compatibility and end-to-end tests for mobile applications on Android and iOS operating systems, ensuring a consistent user experience.
* Monitored network traffic using Charles Proxy and interpreted logs with Firebase, contributing to efficient issue identification and resolution.

Deputy Store Manager, Cooperative Food Marketing Network | 2008-2020

* Successfully managed store operations, overseeing various aspects of Cooperative Food Marketing Network as Deputy Store Manager.

**Education:**

* Network Communication Management Course, ITQ College | 2020
  + Completed 210 hours of hands-on training, including practical work on Cisco’s largest training lab in the country.
  + Specialized in Microsoft servers.
* Software testing course, QA Online College | 2020
  + Completed a 280-hour comprehensive study with excellence.
* Bachelor’s degree in political science and international relations, University of Haifa (currently on hiatus) | 2019
* Full matriculation, Haifa Reali High School | 2003
  + Completed with 5 units in computers and 5 units in English.

**Military service and languages:**

* **Combat service, paratroopers brigade | 2003-2007**
  + **Received an excellence award and was released with the rank of Sergeant.**
* **Languages**
  + **Fluent in Hebrew and English.**