

Dov Goldenthal – Software Automation Test Engineer

Phone: +64 29 02231580
Email: dgoldenthal@gmail.com

Education Background

- **Bsc in Computer Science**
- **MSc in IT Management**
- **Australian Computer Society – Certified Professional Qualification**

Technical Knowledge Summary

- **Operating systems:** Windows 10/11, Linux
- **Methodologies:** Agile (Scrum), SDLC, TDD, BDD
- **Programming languages:** Java, JavaScript, C/C#, Python, Powershell
- **Databases:** SQL, Oracle
- **Web Application servers:** IIS, Apache, Jboss, Jenkins
- **Web Formats:** JavaScript, XML, HTML, WSDL, JSON, PHP
- **Applications:** MS Office, VMware, Visual Studio, Bamboo, Git, Gitlab
- **Testing Tools:** LoadRunner, Cucumber/BDD test frameworks, Selenium, Fiddler, Postman Jira, Jmeter
- **Protocols:** HTTP/HTTPS, TELNET, TCP/IP, UDP, IMAP, POP, FTP, SOAP, REST

Employment History:

Professional Software Test analyst Engineer with more than 10 years of experience in testing web based and .NET applications as well as IOS and Android mobile applications. Developed automation test plans, test scripts, scenarios, and frameworks.

Key Skills:

- Extensive experience in API testing, CI/CD integration, and data migration testing.
- Proficient in designing and maintaining custom Automation Frameworks tailored for testing web-based and desktop .NET applications.
- Skilled in developing automation test scripts using C# / Java Selenium WebDriver / BDD for functional automation testing.
- Solid proficiency in utilizing tools such as Jira and Quality Center for defect and test management.
- Thorough understanding of Quality Assurance processes and testing methodologies, including Agile SCRUM methodology.
- Experienced in using Git as a source code version control system.
- Analytical and problem-solving acumen in the context of IT systems and IT delivery.

Infotools Ltd. New Zealand

01/2024 – Present

Infotools is a leading provider of data analysis and market research solutions, specializing in turning complex data into actionable insights for businesses. The company offers a range of tools and services that facilitate advanced data visualization, reporting, and strategic decision-making.

Senior Test Engineer

As a Contractor at Infotools I conducted comprehensive software testing using both manual and automated techniques, developed test cases with C# and Selenium, and performed API load testing with JMeter.

Responsibilities

- Conducted thorough software testing, utilizing both manual and automated techniques to ensure high-quality deliverables.
- Developed and executed test cases and scripts using C# and automated testing frameworks, such as Selenium with .NET, employing object-oriented programming principles and Page Object Model frameworks.
- Performed API testing with tools like Postman and JMeter to validate functionality and performance.
- Managed test scripts and version control using Git, ensuring seamless integration with the software development lifecycle.
- Applied knowledge of Agile methodologies to adapt testing strategies, maintain effective communication across technical and non-technical teams, and address high-value and risk-based testing requirements.
- Utilized defect tracking and test management tools, such as JIRA and VSTS, for efficient bug tracking and project management.
- Leveraged SQL for relational database testing and scripting in JavaScript for enhanced automation capabilities, while also engaging with CI/CD tools like Jenkins and AzureDevOps for continuous integration and delivery.
- Wrote JMeter load testing scripts to assess the performance of Harmoni software, utilizing PowerShell scripts to execute JMeter test plans and generate comprehensive test results and reports.

CMC Markets Australia Ltd.

11/2020 – 06/2023

CMC Markets is a prominent financial services provider based in Sydney, specializing in online trading and investment solutions. The company offers a comprehensive range of services, including forex, equities, indices, and commodities trading, supported by advanced technology and analytical tools.

Senior Test Engineer

As a Fixed term employee at CMC Markets I have created and executed API tests using Postman, designed and maintained regression tests, I also developed and maintained automation scripts for Java Web UI with Playwright, tested mobile apps on iOS and Android

Responsibilities

- Created and executed API tests using Postman; Design and maintain regression tests, monitor results daily
- Reported and managed bugs using Jira, document test cases in Jira and followed tasks in Confluence
- Used SQL queries to test the required data were properly loaded into the UAT database
- Developed a strong understanding of financial trading instruments to align testing strategies with business requirements.
- Created comprehensive test plans and test scripts, ensuring thorough test coverage for all functional requirements.
- Maintained Java Web UI automation scripts using Playwright

- Conducted testing of mobile apps on iOS and Android platforms, as well as backend server and UI JavaScript environments, ensuring consistency and compatibility.
- Developed and maintained automation test scripts using Appium for continuous testing of mobile apps.
- Analyzed test results meticulously to identify deviations and provided detailed feedback for solution development.
- Logged, tracked, and monitored defects to ensure timely resolution.
- Prepared regular test status and completion reports to provide clear visibility into testing progress.

Achievements:

- Proactively identified performance bottlenecks, collaborating with development and database teams to enhance application response times.

ASIC - Australian Securities and Investment Commission

11/2018 – 01/2020

Senior Automation Test Engineer

As a fixed term employee at ASIC, I Worked on several Software automation notably the testing and quality assurance of the PeopleSoft HR Web Application and the ASIC Connect Portal.

Responsibilities

- Prepared test documentation, including test strategies, plans, conditions, and cases
- Conducted testing across different test phases, with a specific focus on test automation
- Led automation testing efforts for the PeopleSoft HR Web Application, mapping business processes to test scenarios and developing detailed test scripts
- Implemented test automation frameworks using Selenium and C# in Visual Studio
- Conducted thorough regression testing during upgrade cycles to ensure continuity of service
- Collaborated with stakeholders to understand unique business needs, enabling focused testing on essential features
- Performed data-driven testing to ensure data integrity across various CRM web applications and HR modules within PeopleSoft
- Designed created and executed load and performance tests of the CRM web application using Jmeter
- Collaborated with development team to resolve defects and verified fixes during subsequent test cycles
- Integrated QA tasks with sprint cycles in an Agile environment
- Configured CI/CD, including installation of Jenkins plugins and execution of automation test scripts via Azure CI/CD pipeline
- Participated in formal and peer reviews of project artifacts

Achievements

- Built an extensive automation testing framework and created over 50 C# Selenium scripts for regression testing of the PeopleSoft HR application. This significantly reduced the time required for testing software builds, improving overall project efficiency
- Identified software flaws prior to release and contributed to the improvement of the API authentication system

Automation Test Engineer

As a Contractor at the DIIS I was part of The Business Authentication team assisting in the development and maintenance of the VANguard authentication services suite.

Responsibilities

- Designed, developed, and executed manual and automated scripts for testing various applications.
- Applied Agile SCRUM development principles to testing and collaborated with developers, product owners, and business analysts during sprints.
- Utilized Confluence to track development team activities and manage documentation.
- Designed, implemented, and executed regression and functional tests for target applications.
- Developed and maintained the project's test automation framework to support automated tests, including data-driven and keyword-driven tests.
- Developed and executed automated test scripts for web applications using Selenium WebDriver with C#.
- Created automation test scripts to test the SOA API VANGuard authentication service.
- Conducted load and stress testing using LoadRunner to ensure optimal web service configurations and performance levels. • Produced high-quality reports and recommendations based on testing results.
- Demonstrated expertise in automation testing techniques and processes using Visual Studio.
- Applied test techniques and processes for test planning, design, preparation, and execution.
- Continuously improved regression testing capacity through automated tests.
- Contributed to test process improvement and derived maximum operational efficiency and effectiveness through innovative testing practices.

Achievements

- Identified a software flaw in a new version of a software product prior to its release.
- Increased productivity by building the complete automation testing framework, including 110 automated test scripts in C# Selenium, to test the API authentication system.
- Configured real-time reports to improve issue resolution and provide a consolidated view of defect status to the project team and stakeholders.

HPE Australia Pty Ltd.

11/2011 – 12/2016

Enterprise Services and Technical Account Manager of HP Software Premier accounts

Business advisor and primary point of contact for support related issues

Responsibilities

- Served as a business advisor and primary point of contact for support-related issues for HP customers.
- Delivered software support and engaged with customers, ensuring their needs were addressed effectively.
- Established and managed regular business review meetings to provide reporting, timely updates on incidents, and resolution of unresolved issues.

- Coordinated and managed technical resources assigned to the support account, ensuring efficient utilization and allocation.
- Facilitated meetings with customers to define deliverables, review support processes, and foster strong relationships.
- Managed business and technical escalations, advocating for the customer and ensuring prompt resolution by HP Software Support.
- Proactively engaged with customers throughout their contract term to ensure a positive experience with HP software.
- Ensured that support contracts were renewed and customer footprint was maintained, delivering ongoing value.

HP Australia Pty Ltd.

11/2008 – 11/2011

Software Technical Support Engineer

Level 2 Technical Support Engineer for HP software products: UFT, Quality Centre, Performance Centre, LoadRunner, Diagnostics and SiteScope.

Responsibilities

- Provided technical support for HP software products, including UFT, Quality Centre, Performance Centre, LoadRunner, Diagnostics, and SiteScope.
- Developed a deep understanding of customers' IT management environment, applications, sensitivities, and goals.
- Integrated technical knowledge and business understanding to deliver effective solutions for customers.
- Offered onsite technical support, including writing automated test scripts using LoadRunner and UFT tools.
- Proactively and reactively resolved issues to prevent their occurrence and ensure smooth software operations.
- Identified additional services that could lead to future service revenue growth.
- Established and maintained strong relationships with customers, including senior management in assigned accounts.
- Managed technical escalations by understanding customers' environments and coordinating necessary resources for analysis and resolution of high severity cases.

Achievements

- Achieved high customer satisfaction and quality in support delivery.
- Successfully managed the implementation of an HP ALM QC software upgrade, significantly increasing efficiency for the customer.
- Contributed to business growth by identifying upsell opportunities within the existing customer base, collaborating with support and license sales teams to drive a 30% increase in revenue.

Referees

Available on request