

Martijn de Vrieze

Performance tester, Ethical Hacker

m: +31618707784

martijndevrieze@nerdconomy.com



Nerdconomy

Carolina MacGillavrylaan 532
1098XB AMSTERDAM

KvK: 69604312

Bank: NL76ASNB0706728602

Summary

Martijn is a fast learner, rational, energetic, a good team-player, responsible, has excellent communication and organizational skills, is able to work under pressure, to prioritize and meet hard deadlines. He has worked on some very high-profile prestigious projects. Martijn ensures that the quality aspects are known and respected throughout the team so that quality becomes an inherent part of processes.

Martijn works well in a multiple project environment, effectively managing time, quality constraints and third party teams. He drives for developmental and executional excellence.

In his spare time Martijn spends his time divided between his family, with 2 young children, and his hobby of Star Wars costuming and volunteering for Dutch Garrison and 501st legion.

For more detailed information please refer to Martijn's LinkedIn profile
<https://www.linkedin.com/in/martijndevrieze/>

Recent projects

December 2017 – August 2018 - Performance tester & Consultant at Centric Sociaal Domein

Centric does in-house development on their Suites for the Social Domains in the Netherlands. Over the past year they have been working hard at building an easy to use, keyword driven test automation application, the Test Automation Wizard.

The ultimate goal is to not only execute automated functional test from within this tool, but also execute regular performance test from within this tool.

I have been tasked with building a reusable set of performance tests, comparable with the functional regression test set, which can run effectively across different versions of the application suite. The performance tests are initially hand built in Visual Studio Enterprise as WebTest tests as well as coded C# tests. After gaining more experience and insights in VS Performance Tests, as a company the decision has been made to use JMeter rather than Visual Studio moving forward.

Based on this initial test set we have worked on finding the easily reusable components of the tests which can be connected to the test automation wizard.

September 2017 – June 2018 - Performance tester & Consultant at Rotterdam Short Sea Terminals

RST is implementing a new Terminal Operating System. In order to effectively and efficiently use this system, RST has requested me to analyze the application architecture as well as the applications themselves and the underlying infrastructure and, where needed, propose improvements to ensure the new Operating System will be able to sustain the projected and expected growth of RST.

After an initial, brief analysis, I proposed a first set of improvements to the applications. These improvements have been implemented by the vendor.

Based on these improvements I have drafted a Performance Test Plan, including a testing strategy, which enables RST to verify and validate the performance of the entire landscape's performance over a longer period of time.

Februari 2018 - March 2018 - Performance Consultant at Jumbo Supermarkten

I was asked to support one of the Jumbo Supermarkten development teams in creating and executing stress tests on an in-shop mobile application platform. This project was due to a migration (lift-and-shift) of the platform from in-house to cloud based.

Load was generated through JMetre with OctoPerf loadgenerators from Amazon AWS.

Based on the findings during these tests the development team was able to cancel the migration

September 2017 - November 2017 - Penetration tester at Amyyon

Amyyon software has created a CRM system, which is at the core of their offerings. Since this CRM is used in a huge diversity of environments, they have requested a penetration test of their system to validate the safety of the data contained within the system.

I have executed a penetration test on their software, as well as on (part of) the infrastructure hosting the software. The penetration test has been executed with a host of tools as available within Kali Linux.

Based on the findings I did during this test, Amyyon has adjusted their code-base and resolved several issues on their hosting platform, thus leaving them a safer CRM for their end-users.

April 2017 - September 2017 - Performance consultant at Rabobank Online at Rabobank

Rabobank Online teams are responsible for all web-based banking applications. As a performance consultant I was responsible for the mobile-first web-app for banking, which includes the full browser-based experience for desktops and tablets, as well as the mobile app for both Android and IOS.

As a performance consultant I was responsible for supporting several devops teams and performance engineers with more complex performance tasks and issues for the Rabobank mobile app. This assignment was a replacement for pregnancy leave of one of the consultants.

Rabobank mainly works with HP Loadrunner and the ALM (QC) suite, Splunk and Dynatrace, but also utilizes JMeter for executing performance tests.

September 2017 – November 2017 - Performance consultant at TalpaRadio

TalpaRadio is migrating to a new infrastructure and software platform for their streaming radio stations.

We have been asked to help define performance requirements and test the platform for performance and adherence to these requirements.

With several JMeter scripts we recreated the most used scenarios and stressed the system, verifying that the new infrastructure can indeed sustain the anticipated load.

The application stack is hosted within Amazon AWS, load is generated from AWS load generators. The full application stack consisted of streaming services, hosted on AWS cloud, Graphlr messaging API and Contentful CMS.

These tests helped TalpaRadio to go live successfully and with confidence in a big-bang release.

June 2017 - September 2017 - Performance Tester at Educus BV

Educus creates and sells student-tracking software for high-schools, used for registering attendance, grades and other student/school related information. The software platform is growing steadily, just as their customer base is growing.

Educus requested to execute performance tests as part of a proof of concept phase, investigating the possibilities of moving from their self-hosted platform to a Microsoft Azure cloud environment.

Scripting Load and Performance tests with Jmeter against an online platform hosted on both a private cloud as well as in Microsoft Azure environment.

I created scripts and tested against environments running both Oracle and MS SQL databases to benchmark the two with the application as well as against the different hosting environments.

Tests were scripted in Apache JMeter, using a custom JMeter remote setup to have load generators from within the MS Azure cloud as well as servers within the DigitalOcean cloud platform to eliminate bandwidth or CPU limitations.

Performance analysis has been done on CPU, Memory and Disk utilization as well as on the database queries and database usage.

April 2017 - September 2017 - Penetration tester at Fringe Company

Fringe Company creates and hosts several web applications for schools and its students. In order to verify the security of data stored in these systems, such as personal information, grades, conversation reports etc., Fringe requested a penetration test to be executed on one of the online platforms.

While executing the penetration test I tested not only the application itself, but also verified the security measures taken by the hosting company to prevent data-loss, such as up to date operating systems, correct configuration of Intrusion Detection and Prevention Systems etc.

I have extensively used tools available within Kali Linux in order to execute the penetration test.

Based on the penetration test report, Fringe company was able to improve the security of their application as well as their hosting platform.

January 2017 - August 2017 - Performance Test Consultant at Fringe Company

Fringe Company creates and hosts several web applications for schools and its students. The use of these applications within the schools by both school staff, students and parents is increasing. This leads to increased load on application as well as database layers within their environment. In order to ensure the increased demands on the systems can be met, Fringe requested a combination of load and stress tests to be executed on their application stack.

My tasks within this project consisted of writing performance scripts for both load & performance testing as well as performance monitoring through CI tooling, as well as refining the performance requirements for the application.

The test scenarios I scripted in Jmeter and executed with self-hosted load generators on DigitalOcean cloud servers.

Based on the performance test report Fringe was able to adjust their scaling to

ensure high performance and high availability for all their customers.

September 2016 - January 2017 - Penetration test consultant at Ezwim

Retesting several vulnerabilities found in a previously executed penetration test, in the EZWim system in order to ascertain that these vulnerabilities have been resolved sufficiently.

Executing a full penetration test of the EZWim platform, including the authorization model, in order to validate the secure development practices of the development teams.

December 2016 - June 2017 - Penetration test consultant at PostNL

PostNL created a mobile application for track & trace of packages for their business-customers. In order to ensure the security of the data of both customers as well as packages PostNL requested me execute a penetration test on the mobile app for both Android as well as IOS.

The scope of this test was limited to a grey-box penetration test of the apps themselves, and not of the services and API's supporting the app.

March 2017 - April 2017 - Performance Consultant at Jumbo Supermarkten

I was asked to support one of the Jumbo Supermarkten development teams in creating and executing stress tests on an in-shop mobile application platform.

Load was generated through OctoPerf loadgenerators from Amazon AWS.

Based on the findings during these tests the development team was able to implement improvements, increasing the response times of the system as well as improving the overall performance and availability of the system.

August 2016 - March 2017 - Performance Consultant at PostNL

PostNL wants to ensure that all applications are well performing and stable, therefore they require all applications to go through performance tests.

The tests I have executed for PostNL include a few different, internally used applications. One of the applications was already in production and had several known performance issues. I was asked to pinpoint these issues and propose solutions or workarounds for these issues.

October 2015 - March 2017 - Performance test consultant at Ezwim

EZWim hosts a platform for mid- to large size companies enabling complete insight in their telecom expenses and linking these expenses directly and transparently to their employees. This platform is based on the Oracle Apex platform and built externally.

In order to accommodate their large scale customers EZWim requested me to build and execute performance tests at a cost and time efficient way, ensuring these tests can be repeated over time and across different versions of the platform.

Creating a performance monitoring script as well as designing a complete, multi tier, multi-usertype stress test for their platform. I was responsible for maintaining, expanding and running these test across several releases and versions of the application.

Employment history

September 2017 - Performance tester & Ethical Hacker at **Nerdconomy**

April 2011 – December 2017 - Senior Technical Test Consultant at **Polteq Test Services B.V.**

January 2010 - January 2011 - QA Director at **SPIL GAMES B.V.**

January 2006 - December 2009 - Head of QA / QA Manager at **eBay inc./Marktplaats**

January 2003 - November 2005 - Quality Manager at **Quantiq X-Media**

March 2001 - January 2003 - Test Engineer at **Vodafone Nederland**

January 2001 - January 2003 - Software Tester/ Senior Software tester at **Finalist IT Group**

January 1999 - December 2001 - Software Tester at **SmartHaven B.V.**

Education

Global Knowledge - Certified Ethical hacker training

Pentest Magazine - IOS Penetration testing, Python for hackers

PanSupport - Effective communication within ICT Industry

Polteq Test Services - Test Process Improvement with TPI Next

Diaz Hilterscheid/Michael Bolton - Rapid Software Testing, Session Based Test Management

Wortelboer Trainingen - STAR Interview techniques

Leadership Development - Situational Leadership

Cadance - Project management

Hogeschool van Amsterdam - Occupational Therapy