

In software engineering mistakes happen.
The complexity of software makes this inevitable.
If we do not correct these mistakes at an early stage,
we will start a vicious circle.
That is stupidity.

Troubleshooting, breaking the vicious circle of erroneous software and to looking closely thrills me. Therefore I decided a few years ago to specialise on software testing.

I work result orientated; I go to the bottom of a problem and work at the level of tangible solutions - as opposed to well meant suggestions.

My work is characterised by a broad academic background and extensive job experience. This enables me to intervene in the relevant project phases and to handle various problem constellations.

My conference talks and articles focus my thinking about relevant topics and condense theoretical findings I make during my project work. Besides this, conferences are also a possibility to meet other specialists and to exchange experiences.

My specialisation

- ✓ Performance tests
- ✓ Continuous integration
- ✓ Automation of functional tests
- ✓ My factor of success is the complete automation of all steps (Build, deployment, test preparation, test execution, and test results analysis)
- ✓ Visualisation of software quality and test results

Your benefit

Quality assurance allows a software program to be what it is supposed to be: A solution for a problem.

This is what I specialise in.

To look uncompromisingly close and behind, that is what is driving him. And he sees everything.
Richard Leitner, o2 Germany

He is a real techi - with a business mind. Awesome!
Andreas Thamm, Deutsche Post AG



Mark Fink (MBA)
Diploma Degree in
Computer Science (UAS)

Von-Gumpenberg-Str. 12
D-86511 Schmiechen

mark@mark-fink.de
www.testing-software.org



Engineer for Quality Assurance & Test Automation

Mark Fink

10/1993 - 10/1998: Georg-Simon-Ohm-UAS in Nuremberg - the most research-intensive one of all Bavarian universities of applied sciences. Diploma degree in Computer Science; in parallel I worked at the former Siemens-Nixdorf labs and designed a CAD tool for chip design and implemented the prototype.

11/1998 - 06/2000: T-Systems - system integrator
Career entry as a programmer and advancement to technical project management; responsible for the development of a custom build order management system with a team of six developers; invaluable experiences in the fields of requirements analysis, design, development and testing of applications and application management; lasting success in test automation of graphical user interfaces.

07/2000 – 06/2001: Interway - Web 1.0 startup
In leading position responsible for technology stack, development environment, and IT operations. Customers a.o. United Domains, Viag Interkom (today o2-Germany).

01/2001 – 11/2002: University of Augsburg and University of Pittsburgh
Executive MBA studies in Business Administration. The studies complements the technical IT know how with an international generalistic management education. Invaluable for results orientated IT consultancy.

07/2001 – 12/2004: Logica/CMG - system integrator
IT consultant with a focus on testing and requirements analysis
At o2-Germany: Software quality assurance project (test analysis, test planning, and test execution); then lead analyst for the order management application; Further customers a.o. Deutsche Post AG.

01/2005 - today: freelance technical test engineer. Until 05/2005 establishment of the company Tabane Limited.

06/2005 - 07/2009: continuous project assignment as a test automation engineer at the mobile telephone operator o2-Germany
Significant performance and quality enhancement of the Java order mgmt. application (n-tier); resolution of performance problems and system crashes due to the set up of a performance test suite; continuous integration with automated builds and tests which ensure integrability and testability of the application at any time during development. Test tooling included Selenium, Fitnessse, JMeter, CruiseControl, Testmanager and ClearCase.

Since 08/2009: continuous project assignment as performance test engineer at Credit Suisse in Zurich/ Switzerland.
I supported Java application teams through the whole cycle of a performance test from initiation to go-live decision. During my time at CS I teamed up with more than 50 application teams. Usually I worked with two to three teams in parallel. I have been responsible for the whole performance test cycle (plan, prepare, implement, execute, analyze, report). Main test tools: HP VuGen, Loadrunner, Performancecenter, and Qualitycenter.

Programming languages:
Bash
HTML
Java
JavaScript, JQuery, Ajax,
JSON
Python
SQL, PLSQL
XPath, XML

Testing tools:
ClearQuest (Rational)
CruiseControl
Fit/Fitnessse
Hudson/Jenkins
JUnit
JMeter
Loadrunner, VUGen (HP)
Qualitycenter (HP)
Selenium
Symantec I3, Introscope
Testmanager (Rational)
Yslow

Development tools:
Apache, Nginx
ClearCase (Rational)
Subversion, Git
Firefox, Firebug, Webkit
Linux, Ubuntu
Oracle 10g
MongoDB, PostgreSQL
PyLab/ Matplotlib
Pyramid
Solaris
Toad
Yourkit, Btrace

*) The tools above are used during day to day work where applicable.

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