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București, România

Contact: Please use the Web form

George (Nistorică) Pătrășcan

Personal Goal

Being involved in an interesting and rewarding work, dealing with complex IT systems and starting up and carrying projects.

Work Experience

2006 – *Quality Assurance Manager*
Quality Assurance Division of Avira Soft

Manage and lead a team of Quality Assurance Engineers.

The main responsibilities being:

- direct product testing activities throughout development cycles
- monitor performance of quality control processes to ensure effectiveness and efficiency
- oversee the quality assurance engineers, including team leaders
- analyze quality control test results and information, providing feedback and interpretation to product management
- create and implement inspection and testing criteria and procedures
- direct the tracking of defects, test results or other quality control data
- recruit, hire, train and supervise staff, participate in staffing decisions, plan the department budget

Achievements

Setting Up Quality Related Processes

Together with all involved parties from different locations and divisions I managed to set in place Quality related processes to ensure delivery of quality software in time and within the budget.

People Management

Introduced processes at the departmental level aimed towards people professional growth and increased productivity through job analysis techniques, goals setting, achievement and follow up and appraisals.

*2005 – 2006 Quality Assurance Engineer and Coordinator
Quality Assurance Division of Avira Soft*

Lead a team of seven QA people, planning and supervising the Quality Assurance Process for the Avira's security products, both on Microsoft Windows platforms and on Unices (GNU/Linux, FreeBSD, OpenBSD).

*2004 – 2005 Beta-Tester/Support Engineer
Beta Testing/Technical Support Division of Avira Soft*

Plan and run manual and automated tests for Unix products along with providing support for the customers and Avira's employees.

*2002 – 2004 Network and System Administrator
Information Technology and Communications Department of Petroleum
and Gas University of Ploiesti, Romania*

Concurrent with studies at the University and after I graduated.

Involved in the University's network design, development and maintenance. Installing and maintaining network servers such as DNS, WWW, mail firewall, designing DMZ and different security models for the network and individual Linux hosts.

Writing perl and bash scripts for automating different jobs on servers or to collect and centralize data for review by me or other System Administrators.

Trainings and Certifications

2009 LMI Effective Personal Productivity
2008 ISTQB Certified Tester Foundation

Education

1999 – 2004 Control Engineering and Computers at Petroleum and Gas University of Ploiești, Romania (5 years, full time).

The University Degree Paper deals with Automated Control of Network Traffic, implemented using GNU/Linux OS and Perl programming language.

The software is written using Object Oriented Techniques aided by UML design and sits on top of the networking abilities of the operating system.

1995 – 1999 Informatics at Constantin Brâncoveanu Military Highschool, Ploiești, România (4 years, full time)

The final attestation deals with Equation Systems using Gauss and Newton algorithms.

Organizational and Management Skills

Deep knowledge of Product Development Life Cycle and processes, as well as of Project Management Techniques, with a focus on Quality and Process Improvement.

Project Management

Experienced with Project Management techniques with a focus on delivery on time, on budget and with the required quality

People Management

Experienced with people management, coaching and growing, directing the personal career development plan

Process Management

Good understanding of process flow design, re-engineering and implementation

Quality Management

Experienced with Quality Management techniques aimed towards Continuous Improvement

Software Development

Deep understanding of different Software Development patterns and methodologies, like Traditional Waterfall, Agile and Iterative

Good understanding of different Software Architectures, their strengths and weaknesses

Computer and Programming Skills

Operating Systems

Expert user and skilled administrator of different flavors of GNU/Linux (glibc2.2 and glibc2.0) including Enterprise servers like RHEL or (Open/Novell) SuSE

Moderate skilled user of OpenBSD and FreeBSD

Advanced user of Windows and moderately skilled administrator.

Perl Experienced with Catalyst - the Elegant MVC framework, POE - a cooperative multitasking framework and DBIx

Javascript Moderate experience with ExtJS

Language Skills

Romanian Native language

English Fluent

French Working knowledge

Open Source Activity

2006 O'Reilly Network has published an article of mine discussing automated testing of GUIs on Unix-like operating systems running X11 servers using Perl.

The article can be found here: [Test-Driving X11 GUIs](#)

2005 Release and maintain an SMTP library for POE, a multitasking framework for Perl (simulating Finite state machines).

It can be found on [Comprehensive Perl Archive](#)

2005 O'Reilly Network has published an article of mine discussing automated testing of GUIs on Windows platforms using Perl.

The article can be found here: [Automated GUI Testing](#)

Closed Source Projects

Telex Software

Wrote a project handling user messages and sending them over telex wires, using Perl and running on embedded GNU/Linux.

Test automation of proprietary software

Designed and wrote a test infrastructure for automatically fetching software builds, smoke test them and send reports of the test process, similar to the way CPAN Perl modules are automatically tested.

Performance testing

Reporting and comparison between different versions of proprietary software running on GNU/Linux.

Webmin module

Designed and wrote an Webmin module to provide a simple and intuitive GUI for some proprietary software.

System interfaces

Wrote several Perl curses scripts acting as graphical user interfaces for GNU/Linux traffic control tools like iptables, tc, racoon, for both configuring and real-time reporting of the status for the above mentioned tools.

Miscellaneous

2004 Organized and gave six hours a week seminar on the use of Linux OS and GNU/C programming at the Computers Faculty of the Petroleum and Gas University of Ploiești.

Personal Interests

Reading books and breeding dogs. I own a champion Collie Rough.