

Mgr. Pavel Novák

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Professional Experience

8/2009 – Present

Senior Software Engineer – CA Technologies (<http://www.ca.com>)

Currently a developer and a Scrum Master in one of the teams working on a product, which builds on top of the IT infrastructure monitoring solutions and analyzes the data to provide additional information how the business critical services are affected by the detected failures.

In the past worked on a new generation of Service Desk solution and an integration platform for 15+ CA Technologies products.

9/2008 – 7/2009

Prototypes Developer – Czech Technical University, Agent Technology Center (<http://agents.felk.cvut.cz>)

Pursuing PhD, working on a research projects employing multi-agent technologies; mainly on the underlying distributed high-speed Java multi-agent platform.

9/2007 – 8/2008

Software Engineer – CA (<http://www.ca.com>)

Developing the product for server monitoring and management; responsible for the data collecting agents for Solaris, AIX, HP-UX, and Linux; written in C++. Solving cross-platform compatibility issues and often analyzing memory dumps. Cooperating with UK development.

5/2007 – 8/2008

Java Developer – AMI Prague (<http://www.ami.cz>)

Developing (Java, JSP) intranet application for a leasing company.

10/2006 – 4/2007

C/C++ Developer – Sitronics Telecom Solutions (<http://www.sitronicsts.com>)

Developing an Extended SIP Proxy serving as a base for other NGN modules (C++).

9/2004 – 5/2005

C/C++ Teacher – Informatics Institute (<http://www.iivos.cz>)

Teaching evening lectures of C/C++ programming.

Education

9/2000 – 9/2006

Faculty of Mathematics and Physics, Charles University in Prague

Software Engineering, graduated in computer networks, operating systems, programming languages and compilers. Master thesis: Network Simulation, including a simulator prototype written in C#.

8/2005 – 12/2005

Exchange program at Kansas State University, USA

Studying mainly concurrent programming, operating systems, and English.

Certifications

1/2012 – *Certified Scrum Master (Scrum Alliance)*

Technical Skills

- Good knowledge in operating systems and computer networks
- Advanced programming skills, particularly Java, C++, PHP, also C#, MS .NET platform, bash
- Web development: PHP, HTML, JavaScript, CSS, JSP
- Advanced source control and build systems knowledge, Ant, Ivy, Maven, TeamCity, Jenkins, CVS, Svn, RTC, Mercurial
- Experience in assembly programming, database systems, SQL
- UML
- Analytical and problem solving skills, team player

Other Work

- PHP Language Compiler for MS .NET (<http://www.php-compiler.net>)
- Network simulator (<http://pavelnovak.eu/en/development/netsim/>)
- Web pages (<http://www.e-ubytovani.eu>, <http://www.nacc.cz>)
- Command-line client and web to control central heating, based on Etatherm module (<http://www.etatherm.cz>)

Language knowledge

English (very good knowledge, both written and spoken), German (basic), Czech (mother tongue)

Hobbies

Cycling, swimming, squash, badminton, skiing, traveling

April 22, 2012 in Prague