

Curriculum Vitae of Johan Paul

Contact Information

Johan Paul
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Personal Information

Date of birth: 16.08.1979
Place of birth: Loimaa, Finland
Citizenship: Finnish
Marital status: Married

Language skills

Finnish: Fluent / Native
Swedish: Native
English: Fluent
German: Basics

Software Engineering skills

I enjoy and promote good software design practices in software engineering, utilizing unit testing, object oriented design and well known design patterns familiar from computer science.

Programming languages:

C++, C, Java, Python, UNIX shell scripting and more.

Familiar SDKs and libraries:

Qt4 (including State Machine and Animation Framework, Qt Quick/QML, Qt Mobility), Gtk+, libc, Maemo/MeeGo SDKs, libQtTracker, Windows driver development (WDF and WDM) and more.

Familiar tools:

Qt Creator, GDB, Scratchbox, Eclipse, Wireshark, WLK and more.

Operating Systems I have developed for:

Linux (Debian / Ubuntu) and Windows 2000/XP/Vista

Qt:

I have used the Qt application development framework with C++ in the Linux environment for several years. I have a deep knowledge and understanding in the core Qt classes, other Qt framework classes and also in the Graphics View framework. I have used from Qt 4.6 and the upcoming version Qt 4.7 the Animation Framework and QML as part of the Declarative UI from Qt Kinetic project. I am also a Nokia Certified Qt Developer.

I have extensive knowledge of the Nokia MeeGo platform with years of experience in Maemo 6 and Harmattan UI framework development.

Agile development:

Agile development practices are very familiar to me. I am currently the Scrum master for an agile development team with more than ten team members. Our development practices include among other things fast prototyping, continuous integration and automated unit testing with the QTest library. I wrote my Master's Thesis on agile development process assessment.

Employment History

Cybercom Finland Oy (2.2.2009 - current)	- Substituting for Nokia Technical Product Owner to develop next generation MeeGo powered Nokia mobile computers following the Nokia N900.
Plenware Oy (19.12.2005 - 1.2.2009)	<ul style="list-style-type: none">- Scrum master for two development teams in a Nokia MeeGo project. - Software engineer as part of an agile development team to develop next generation MeeGo powered Nokia mobile computers. Project utilizes Qt 4.6 (including Graphics View framework), C++ and Linux technologies. - Windows USB driver development for next generation Nokia PC software using Windows Driver Foundation and Windows Driver Model. Also some PC host side development. - SIP server software extension and plugin development for the Sofia SIP server in Linux and C programming language. - Java development for a SOA based interprocess messaging and communication solution. - Java UI development for a SIP VoIP client.
Nomovok Oy Software Developer (16.8.2004 - 12.12.2004)	- Software design and engineering for the Nokia 770 Internet Tablet.
TUCS/Software Development Center Researcher (19.5.2003-19.9.2003)	<ul style="list-style-type: none">- Planning and documentation of a software project together with University of Turku, system design in UML and system prototype implementation in Java with Swing components. - Server side design, configuration and documentation for a group tool. Additional assignments relating to software process quality.

Blulabs / Sviitti.com Systems Administrator (1.9.2001 - 1.12.2003)	- Responsible administrator for the web hosting activities. Installed and configured web server, mail server with virus and spam checking capabilities, firewall, name server, backup among other things on Linux and FreeBSD.
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HMM Software Oy Software Developer (1.1.2001 - 3.10.2002)	- Responsible of the development of an internal tool in C-language for handling and organizing ringing tones. I was also responsible for maintenance of the server and other computer infrastructure.
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Kuulalaakeri Oy Web Developer (13.12.1999-31.12.2000)	- Responsible of the development of an internal tool in C-language for handling and organizing ringing tones. I was also responsible for maintenance of the server and other computer infrastructure.
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Education

Åbo Akademi university / University of Turku, 1998 -
Master of Science in Computer Engineering

Master's Thesis: *Quantitative Approach for Lightweight Agile Process Assessment*

Katedralskolan i Åbo, 1998

Matriculation examination

Professional Qualifications

Certified Scrum master by the Scrum Alliance, 2008

Maemo Summit 2008, 2009

Nokia Certified Qt Developer, 2010