

Curriculum Vitae

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Shortly about me

My name is Ville Rontti. I was born in Kuusamo, in North East Finland. I now live in Lohja, which is approximately 50 kilometres from the capital city Helsinki. I am married with Vilja Kilpivaara, no children. I hold a driving license for groups ABECE. My hobbies are hydro running, ice hockey, reading, computer programming (since middle of 1980's) and motorcycling. You can find more information of me from my web page at <http://www.rontti.org/>

I graduated from Kuusamon Lukio (high school) 1997. After that I served my **compulsory National Service** for eleven months with the army. After my army service I went to Kemi-Tornio Polytechnic where I graduated in 2002 with **Bachelor of Science in Computer Engineering**. I received a **stipend from Nokia**. My final year thesis considered the verification of systems using electronic payment card at the point of payment. Since autumn 2004 I have supplemented my teaching with part time study. I am studying part time at Turku University to graduate as a Master of Science (Technology). Since 1999 I have used my **free time** to develop several **commercial applications** as a freelancer.

I am an IT professional with wide-ranging commercial experience since 1999. I have extensive experience in developing an economy software using Object Orientated Programming with tools such as Microsoft Access and Visual Basic 6. Currently I am working on electric invoicing and using different programming languages like Perl and C. I have used many programming languages such as Perl, Java, Visual Basic, PHP, ASP, C, C++ and Assembler. I am able to build PC's from scratch, install operating systems and software and set up the local area network. In my previous job (lecturer in Kemi-Tornio Polytechnic) I have participated in **international EU projects** like Curengcol and POOL. Currently I am working as a full time software designer in Itella Information.

From table 1 you can see my fields of know-how. The experience in years column can be read as follows: **bold** number describes the work experience in years in private company, *italic* number describes the work experience in years gathered from teaching the students / my own studies / the work which has been done during my free time.

Table 1.

Field	Know-how	Level 1-5	Exp. in years
UNIX (AIX)	<ul style="list-style-type: none">I can use UNIX Operating System well, currently I am working on UNIX environment	4	<i>4</i>

Perl	<ul style="list-style-type: none"> I have good knowledge of Perl 	3	4
C	<ul style="list-style-type: none"> My C knowledge is limited; I have completed some embedded and real-time programs (Nios card, AVR Atmel ATmega128, Atmel ATmega 328) 	3	3
C++	<ul style="list-style-type: none"> Basic Symbian application Basic Linux/Unix applications (gcc) 	1	1
Assembler	<ul style="list-style-type: none"> I can create basic assembler programs for x86, AVR Atmel ATmega128, and PIC16F84 processors 	2	1
Linux and Windows / Apache and IIS	<ul style="list-style-type: none"> I have my own (first RedHat, now Debian) Linux server running at home I have administrated Windows 2003 server at my work place I haven been developing PHP+MySQL applications at IIS environ 	4	5
UML	<ul style="list-style-type: none"> I know the basic of the UML design, I have used tools such as Prosa 	2	1
TCP/IP and UDP, FTP, HTTP	<ul style="list-style-type: none"> I am competent in TCP/IP and UDP (socket based) network programming I have developed several chat programs and multiplayer board games with Visual Basic I have also developed simple FTP software with Visual Basic. I have good knowledge of HTTP protocol 	4	3
Networking	<ul style="list-style-type: none"> I have completed the CISCO CCNA certificate 	2	1
Visual Basic	<ul style="list-style-type: none"> I am competent in Visual Basic 6 programming, especially in relational database programming One large application developed as a team, over 200 000 lines of code I have developed several VB6 applications, one invoicing application with over 20 000 lines of code 	4	1
ADO / DAO / ODBC	<ul style="list-style-type: none"> Competent user 	3	5
COM/ActiveX	<ul style="list-style-type: none"> Development area ActiveX components 	2	1
COM/MTS/Distributed Application Development in general	<ul style="list-style-type: none"> I have some knowledge of COM/MTS environment, especially in distributed three-tier application development with Visual Basic 	2	1
ASP/PHP	<ul style="list-style-type: none"> I have developed several commercial web pages with ASP and PHP One of my own products is a web shop with electronic payment methods such as PayPal, Finnish Bank's Online Payments, and credit cards 	4	5

Java	<ul style="list-style-type: none"> • My Java knowledge is good (J2SE, J2ME) • I have written Java Learning Material for the Curengcol EU Project • MIDP is one of my interests 	3	5
HTML, XHTML, WML, DHTML, CSS	<ul style="list-style-type: none"> • I can create advanced HTML – pages with or without CSS • I am partly competent in XHTML and WML • I have also used the DHTML (AJAX) in my web applications 	4	5
JavaScript	<ul style="list-style-type: none"> • I can create sophisticated HTML – pages with JavaScript (DHTML) 	3	5
Microsoft Access, MySQL	<ul style="list-style-type: none"> • Several databases designed and implemented 	4	6
EDI, XML (XPath), Finvoice, TEAPPS, ELEB, IBM MQ, TCL, e2b, etc.	<ul style="list-style-type: none"> • I am familiar with previously given technologies • I am familiar with electronic invoicing and different electronic invoicing formats 	4	4

Table 3. Education

Educational Unit	Title	Graduation Year
Kuusamo College	Graduate	1997
Kemi-Tornio Polytechnic	BSc Engineer in Computer Technology	2002
Turku University	MSc	

The table 4 consists of work places I have been working since 1999. Short summer jobs before year 1999 are excluded. The **bold** text describes permanent work place; *italic* text describes part time work / summer job / work which have been done during the free time.

Table 4. Workplaces.

Workplace	Working time	Achievements
Itella Information (Itella Information Logistics, Elma Oyj)	1.8.2006 →	<ul style="list-style-type: none"> • Software Designer (using languages like Perl and C, knows and uses technology like EDI, ELEB, TEAPSS, Finvoice, XML, XPath, etc. in daily work) • My main job is to keep our environment up and running
Kemi-Tornio Polytechnic The Unit of Technical Education	1.1.2003 – 31.7.2006	<ul style="list-style-type: none"> • Full-time lecturer (teaching programming and computer technology related subjects like Visual Basic, Java, PHP, ASP, Computer Technology, Embedded Programming, Real Time Operating System Programming, Computer Networks, etc. in English) • Manager of student group in POOL EU project (partners from Austria, Romania, Germany and Estonia)

<i>HD Soft</i>	Part-time Summer 2006	<ul style="list-style-type: none"> • Developing eight web payment modules for OsCommerce web shop • Java based application <i>Työ</i> • Visual Basic application <i>Osku</i>
<i>Euroword.fi</i>	Part-time Spring 2006	<ul style="list-style-type: none"> • Developing web payment modules
<i>Ariman / Omatlevyt.fi</i>	Part-time Autumn 2005	<ul style="list-style-type: none"> • Web shop to sell music CD's and film DVD's (PHP & MySQL)
<i>MikroImport</i>	Part-time 2004-2005	<ul style="list-style-type: none"> • Web shop (PHP & MySQL)
<i>Kuusamon Portti</i>	Part-time July 2005	<ul style="list-style-type: none"> • Booking Calendar software used to book hotel rooms, cottages and services (PHP & MySQL)
<i>Tranoy Handel AS Norway</i>	Part-time June 2005	<ul style="list-style-type: none"> • Surveillance Camera program for shop outlets to prevent pick pocketing (Visual Basic)
<i>Erabit</i>	Part-time spring 2002ski-centre	<ul style="list-style-type: none"> • I developed ASP- and Access-database applications, for example product database (http://www.kampaamotarvike.com)
Kemi-Tornio Polytechnic: The Unit of Technical Education	1.1.2002 – 31.12.2002	<ul style="list-style-type: none"> • Project engineer and later manager in EU Leonardo project named Curengcol, I was developing Java Learning Material • Part-time lecturer, I was teaching computer technology, computer networks and Java programming • I was writing Java applications few hours per week
<i>Automaatiopalvelu Tornberg</i>	Part-time 2000 – 2001	<ul style="list-style-type: none"> • I developed maintenance software for Salcomp Ltd, the company produces mobile phone chargers for Nokia (Visual Basic & Access) • I developed program to monitor electricity poles for caravans in Ruka ski centre (Visual Basic & Access) • MediaTalous (cash register, storage control, hour tracking, product ordering, EMV card payment, billings, cash receipt), part of the program was able to use over WAP
Software Profecon Company Ltd	14.5.2001 – 31.12.2001	<ul style="list-style-type: none"> • Payment terminal system with electronic verification • Approved by the Banking Association of Finland 14.2.2002 • Software Development with Visual Basic and Access database
<i>During my polytechnic studies I made software for Automatic Services Tornberg</i>	2000 – 2001	<ul style="list-style-type: none"> • Simple invoicing and storage control program completed with Visual Basic and Access database • Part of the software can be used by WAP
PRO-TEAM Company Ltd	1.9.1999 – 1.1.2001	<ul style="list-style-type: none"> • Software design, specification and documenting • Software testing

		<ul style="list-style-type: none"> • Software installing and implementation • Training clients and resellers
PRO-TEAM Company Ltd	10.5.1999 – 31.8.1999	<ul style="list-style-type: none"> • Software design and specification • Technical documenting • Programming (Visual Studio, Visual Basic, Crystal Report and Access)

My language proficiency is Finnish (native speaker) and English. I was teaching in Finnish and English in Kemi-Tornio Polytechnic.

Table 4. Knowledge of languages

Language	Skill
Finnish	Native speaker
English	Good
Swedish	Reasonable

I am a good communicator; an efficient organizer and I have proven leadership skills in managing people and projects. I am reliable and hard working. And most of all, I do not hesitate to ask if I do not understand something related to my work.

Ville Rontti

Below you can find contact details of four persons who know something about me.

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