

# CV - Curriculum Vitae, 2018-03-22

## Anssi Olavi Kanninen, MSc(Tech)

Helsinki, Finland

E-mail: [anssi@iki.fi](mailto:anssi@iki.fi)

Nationality: Finnish

Date of birth: April 4th, 1974

### Education

- 2003**      *Master of Science (Technology) degree in Computer Science (diplomi-insinööri)*  
Helsinki University of Technology, Dept. of Computer Science and Engineering  
Major: Telecommunications Software (Computer networks and security)  
Minor: Interactive Digital Media (Computer animation and human-computer interaction)
- 1993**      *Matriculation examination, Kaarina Senior High School*

### Employment

- 2007 -**      *Software specialist, Q5 Software Oy, consulting for Digia Plc*  
Software consulting for Emergency Response Centre Administration (Hätäkeskuslaitos). Designing and development of server software and maintaining the hardware of Emergency Response Centre (ERC).  
Designing and developing geographical information systems and -services for ERCs.
- 2003 - 2007**      *Software specialist, Q5 Software Oy, consulting for WM-data Novo*  
*C++ programming for HP-UX*  
Gnu C++ and tools, Oracle 9i  
Developing production control systems for a major steel production company.  
Build management and version control administration with CVS and shell scripts.  
*Database designing and user interface development in Oracle environment*  
Oracle 9i, PL/SQL, TOAD, Oracle Forms 4.5 / 6i, Oracle Pro\*C  
Developing condition management and monitoring software for power transmission networks. Software development in a multi-vendor software project. Conversion from Forms 4.5 to Forms 6i.
- 1996 – 2003**      *Software engineering for Stonesoft Corporation*  
*C++ development with MS Visual C++ and GNU environments*  
Oracle 7, Oracle PL/SQL, Oracle Pro\*C, Oracle Developer 2000  
Designing and implementing configuration software for Stonebeat® high availability and load balancing solution for network security  
Developing condition management and monitoring software for power transmission networks

### ***Java development***

Eclipse, Borland JBuilder

Designing and implementing configuration and administration software for centralized management system of StoneGate® high availability firewall, VPN and IPS solution. Different kinds of management user interfaces, graphical network diagram editor, expression editor etc.

### ***C++ and dynamic HTML development***

Microsoft Visual Studio, Perl, C, C++

Developing a remote configuration software for clustered network environment

### ***Researching graphical user interfaces***

Java, Common Information Model (CIM)

Writing Master's Thesis about configuring network devices using an object oriented network model.

### ***Courses and Certificates***

Checkpoint System Administrator

Sun Solaris System Administrator

StoneGate Engineer, StoneGate Architect

Oracle DB Administrator

### ***1990 – 1996 Various summer training positions***

IT-support, testing, documentation, DB administration for Jylhäraisio Inc.

IBM ES/9000-260 VM/VSE operator in Datacity Information Systems Inc.

Factory worker in M. Haloila Inc.

## **Publications and projects**

Kanninen, Anssi O., "Configuring network devices using a graphical user interface", Master's Thesis, Department of Computer Science and Engineering, Helsinki University of Technology, 2002,

<<http://www.tml.hut.fi/~tpv/opiskelijat/kanninen.pdf>>

Kanninen, Anssi O., "Emerging Problems with Smart Card Technologies", Seminar on Network Security, Department of Computer Science and Engineering, Helsinki University of Technology, 2000, <<http://www.tml.hut.fi/Opinnot/Tik-110.501/1999/papers/smartcard/smartcard.html>>

Monrovia PDA game platform, Software project, Software Business and Engineering Institute, Helsinki University of Technology, 2001

Client side interactive software development for Palm OS / J2ME

<<http://www.soberit.hut.fi/tik-76.115/00-01/palautukset/groups/Hayabusa/lu/palautus.html>>

## **Skills**

Computer networks, relational databases, user interfaces, firewalls, object oriented applications

Learning and understanding new things quickly

Good social skills, getting along with all kinds of people

Taking responsibilities and keeping commitments as a team member

### ***Programming languages***

C/C++, shell scripts, Java, Perl, Oracle PL/SQL

### ***Databases***

Oracle 9i, Oracle Forms/Reports 6i, Oracle Pro\*C, SQLlib, Toad

### ***Operating systems***

Redhat Linux i86, MS Windows, HP-UX 11, Sun Solaris

### ***Development environments***

Eclipse, MS Visual Studio, Borland JBuilder & C++Builder, GNU tools, Emacs

### ***Software development tools and libraries***

CVS, Bitkeeper, UML, JUnit, log4j/log4cplus, Javadoc,  
XML, HTML, Common Information Model (CIM)

### ***Other familiar languages, tools and libraries***

Doxygen, JAXP, Tcl/Tk, OpenGL, RenderMan, Java3D, QuickTime for Java,  
Java Media Framework (JMF), SDL, PHP, Pascal, Scheme, MS Visual Basic

## **Languages**

Finnish (native)  
English (fluent)  
Swedish (moderate)

## **Military service**

Corporal (alikersantti), Airforce C3 Systems School, (Ilmavoimien Viestikoulu)

## **Responsible positions**

Otaniemi campus government member in 1997 and 1998,  
campus computer network (Trinet) responsible  
Scoutmaster in 1988-1993

## **Hobbies**

Playing drums and listening music  
Motorcycling  
Disc golf, badminton