

## Curriculum vitae



Commodore 64 kid. 48. Living in Vantaa, from Kuopio.

I'm specialized in Mobile development. Started my career with Windows CE, Symbian and J2ME devices. I've good coding skills on all modern mobile platforms; IOS, Android and Windows Desktop/Phone. I'm also familiar with app store procedures and CI.

I'm always ready to learn & try out new tech. Lately I've trying different experiments with AR/VR.

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2011/10-	<b>Assignment: Senior Software Engineer</b>	In4mo Oy
	<ul style="list-style-type: none"><li>• Mobile R&amp;D; In4mo Task Reporter app<ul style="list-style-type: none"><li>• Windows (C#/UWP/WINUI)</li><li>• Android (Java/Kotlin)</li><li>• IOS (Objective-C,Swift)</li></ul></li><li>• In4mo Floorplanner (Javascript)</li></ul>	
2010/10- 2011/10	<b>Assignment: Software Engineer</b>	Giesecke & Devrient 3S Oy
	<ul style="list-style-type: none"><li>• NFC Wallet development (IOS, Android, J2ME)</li></ul>	
2008/12- 2010/10	<b>Assignment: Software Engineer</b>	Icareus Oy
	<ul style="list-style-type: none"><li>• Mobile TV development (J2ME)</li><li>• Radio Nova streaming Radio (IOS)</li><li>• Game development and porting to MHP and J2ME platforms (J2SE, J2ME, MHP)</li><li>• Symbian ringtone application porting job (Symbian)</li><li>• Backend development (J2EE, Liferay)</li><li>• SIP VOIP+video conferencing app (J2SE)</li></ul>	

2005-2008/12      **Assignment: Software Specialist**      Tietoenator Oy

- TeliaSonera Mobile TV. Lead developer. (J2ME)
- TeliaSonera FieldWork development and consulting tasks. (J2SE, J2EE)
- TeliaSonera Vattenfall energy metering automation project. User interface development and integration to backend (J2EE)

2000-2005      **Assignment: Systems Engineer**      TeliaSonera Oy

- TeliaSonera FieldWork development (J2SE, J2EE)
- Sonera Juxto Cargo development (J2ME)
- Sonera Mobile Office development (J2ME)

2002      B.Sc (Computer science)      South-Carelian Polytechnics

Mobile platforms      IOS, Windows, Android

Programming language      Objective-C, Swift, JavaScript, Kotlin, Java, C#, SQL

Tools      Visual Studio, Android Studio, XCode, Git, Jenkins CI, Gitlab CI

Technology      Windows Runtime and UWP Apps  
 Hybrid apps in webview  
 .NET  
 XAML  
 J2SE (JDK 1.1 – JDK 6)  
 J2EE (JSP/Servlets/Struts/JMS/Databases/Hibernate)  
 J2ME (SonyEricsson JP7-JP8, Nokia, JSRs)  
 Javacard  
 Java for TV (MHP 1.1 and MHP 1.2)  
 KVM and JVMs; Sun, Creme, CEE-J VM.  
 Streaming H264/RTSP  
 SIP  
 NFC  
 Smart Watches

Language:	Native	Fluent	Good	Basic
Finnish	x			

English x

<u>Name</u>	<u>Description</u>	<u>Platform</u>	<u>Link</u>
Frodo	C64 emulator	Windows 8.1	<a href="https://www.youtube.com/watch?v=tbsD33Oe-nY&amp;t=7s">https://www.youtube.com/watch?v=tbsD33Oe-nY&amp;t=7s</a>
8086TinyRT	8086 emulator	Windows 8.1	<a href="http://apps.microsoft.com/windows/fi-fi/app/8086tinyrt/cf962b90-7c3a-448f-9932-a37432e9595b">http://apps.microsoft.com/windows/fi-fi/app/8086tinyrt/cf962b90-7c3a-448f-9932-a37432e9595b</a>
Task Reporter	App for In4mo Ltd	Windows/Android/OS	<a href="http://apps.microsoft.com/windows/fi-fi/app/64bb34cb-0641-488a-b3cc-4fb11d5d46ec">http://apps.microsoft.com/windows/fi-fi/app/64bb34cb-0641-488a-b3cc-4fb11d5d46ec</a> <a href="https://itunes.apple.com/fi/app/in4mo-task-reporter/id506354882?mt=8">https://itunes.apple.com/fi/app/in4mo-task-reporter/id506354882?mt=8</a> <a href="https://play.google.com/store/apps/details?id=com.in4mo.mmr300.gen1&amp;hl=en_US">https://play.google.com/store/apps/details?id=com.in4mo.mmr300.gen1&amp;hl=en_US</a>
LunzziWatch	Sodexo for Sony SW2	Android	<a href="https://play.google.com/store/apps/details?id=org.noxo.lunzziwatch">https://play.google.com/store/apps/details?id=org.noxo.lunzziwatch</a>

Gadgets and hi-tech. Drones / photography ,jogging.