

# CV TOMI TUHKANEN

04/2023

Name	Tomi Tuhkanen	
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Date / Place of birth	23.07.1981, Hanko, Finland	
WORK EXPERIENCE		
Various roles	SWAPPIE OY, Tech	01/2020 --
	Engineering Manager	03/2022 --
	Engineering Lead	09/2020 - 03/2022
	Supporting and leading engineering teams of varying sizes (ranging from 4 to 10 engineers) within multidisciplinary product teams from different domains.	
Lead Developer	<ul style="list-style-type: none"><li>- People leadership responsibilities, such as coaching and engaging individuals in their work and career development, bureaucratic responsibilities for individuals.</li><li>- Team leadership responsibilities, such as delivering prioritized customer value through software development, team ownership of objectives, services, and features, and continuous improvement of processes.</li><li>- Product leadership responsibilities, such as scoping work to the team's capacity, focusing on customer and business value, and enabling discovery projects.</li></ul>	
	Senior Software Engineer	01/2020 - 09/2020
	Developing a core functionality to an e-commerce platform and integrating new payment service providers.	
	Keywords: Node.js, Python, TypeScript, React, Django, Postgres, GCP, PubSub, Kubernetes	
	VINCIT, CoOp Oy	01/2015 - 01/2020
	Working in various sized customer projects, for various fields and in various roles (developer, lead, architect). E.g.	
Assistant Teacher	Large multi-year digitalization project for financial sector customer. Included designing the service architecture, developing web based applications, improving customer's software development processes and designing and executing a hiring and mentoring program to grow customer's own development team.	
	Keywords: C#, .NET, React, NoSQL, Python, ServiceBus, Microservices	
	Designing and developing a modular CRM system.	
	Keywords: C#, .NET Core, React, TypeScript, Azure	
	Prototyping a data handling system for a large enterprise company.	
	Keywords: Python, Flask, Rx, Java, Spring Boot, Angular, AWS, Azure	
Owner, Consultant	Developing a job platform for students and recent graduates.	
	Keywords: Node.js, AngularJS, Postgres	
	KOODIKERHO, Karamzinin koulu	09/2019 - 12/2019
	Teaching Digital technology to 5 <sup>th</sup> graders (2h per week). Designing the lectures and preparation of the materials.	
Owner, Consultant	TMI TOMI TUHKANEN, Sole Proprietorship	05/2012 - 12/2021
	Short projects (max 4 months). E.g. developing a cross-platform application, designing a platform for modular application, prototyping a system for distributed workload handling, developing a communication library for BLE sensor.	

<b>Software Architect</b>	<b>THERMO FISHER SCIENTIFIC, LHC R&amp;D</b> <b>01/2012 - 01/2015</b> Lead Developer and architect of a .NET software platform for laboratory system, to control instruments and handle data. Responsible of the modular system design from the ground up. Project team of 5-10 developers and project size ~15 man-years.  Platform architecture Master's thesis: <a href="http://urn.fi/URN:NBN:fi:amk-201305199452">http://urn.fi/URN:NBN:fi:amk-201305199452</a>
<b>Consultant (Software)</b>	<b>CYBERCOM FINLAND, Digital Services, Enterprise</b> <b>03/2010 - 01/2012</b> Consulting in diverse software engineering projects. Mainly development of web-based software (front and back-end) using ASP.NET MVC. Tasks included everything from the design to the maintenance of legacy applications.
<b>Software Developer</b>	<b>WINCOR NIXDORF, Software Productions</b> <b>08/2009 - 03/2010</b> Writing requirement specifications and developing a Point of Sale system with .NET-technology. Implementing database procedures. Participating in the improvement of department's software development process.
<b>Software Engineer</b>	<b>BASWARE CORP., Financial Management</b> <b>02/2007 - 08/2009</b> Developing applications with .NET, mainly with C#. Usage of 3-Tier (Client-Server) architecture. Improving TFS Continuous Integration. Acting as a Scrum Master.
<b>Summer Intern</b>	<b>ABB SP. Z O.O., Software factory, Łódź Poland</b> <b>07/2006 - 08/2006</b> Creating an application with use of VB.NET, SQL Server 2003 and XML technology. Developing a Java application that migrates data between HSQLDB and SQL Server 2000 databases.
<b>EDUCATION</b>	
<b>Master of Eng.</b>	<b>METROPOLIA UNIVERSITY OF APPLIED SCIENCES</b> <b>08/2011 - 05/2013</b> Degree Programme in Information Technology Mobile Programming
<b>Bachelor of Eng.</b>	<b>HELSINKI POLYTECHNIC</b> <b>08/2002 - 12/2007</b> Degree Programme in Information Technology Software Engineering
<b>SKILLS</b>	
	C#, JavaScript, Python, TypeScript .NET Core, ASP.NET, React SQL, NoSQL Azure, AWS, GCP GIT  Software development System and architecture design Team leading Teaching / mentoring / hiring Development process improvement
<b>ADDITIONAL INFO</b>	
<b>Languages</b>	<b>Finnish</b> MOTHER TONGUE <b>English</b> FLUENT
<b>Other Projects</b>	Various programming projects. More information: <a href="https://ttu.github.io/">https://ttu.github.io/</a> <a href="https://github.com/ttu">https://github.com/ttu</a>
<b>Recommendations</b>	<a href="http://www.linkedin.com/in/tomitu">http://www.linkedin.com/in/tomitu</a>