CV TOMI TUHKANEN

05/2023

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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.

- People leadership responsibilities, such as coaching and engaging individuals in their work and career development, bureaucratic responsibilities for individuals.
- Team leadership responsibilities, such as delivering prioritized customer value through software development, team ownership of objectives, services, and features, and continuous improvement of processes.
- Product leadership responsibilities, such as scoping work to the team's capacity, focusing on customer and business value, and enabling discovery projects.

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

Lead Developer

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.

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

Developing a job platform for students and recent graduates.
Keywords: Node.js, AngularJS, Postgres

Assistant Teacher

KOODIKERHO, Karamzinin koulu   **09/2019 - 12/2019**
Teaching Digital technology to 5th 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.

Software Architect	**THERMO FISHER SCIENTIFIC,** LHC R&D	**01/2012 - 01/2015**

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: http://urn.fi/URN:NBN:fi:amk-201305199452

Consultant (Software)	**CYBERCOM FINLAND,** Digital Services, Enterprise	**03/2010 - 01/2012**

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.

Software Developer	**WINCOR NIXDORF,** Software Productions	**08/2009 - 03/2010**

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.

Software Engineer	**BASWARE CORP.**, Financial Management	**02/2007 - 08/2009**

Developing applications with .NET, mainly with C#. Usage of 3-Tier (Client-Server) architecture. Improving TFS Continuous Integration. Acting as a Scrum Master.

Summer Intern	**ABB SP. Z O.O.**, Software factory, Łódź Poland	**07/2006 - 08/2006**

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 DB.

EDUCATION

Master of Eng.	**METROPOLIA UNIVERSITY OF APPLIED SCIENCES**	**08/2011 - 05/2013**

Degree Programme in Information Technology
Mobile Programming

Bachelor of Eng.	**HELSINKI POLYTECHNIC**	**08/2002 - 12/2007**

Degree Programme in Information Technology
Software Engineering

ADDITIONAL INFO

Skills

Software development: C#, JavaScript, TypeScript, Python
System and architecture design
Team leading
Teaching / mentoring / hiring
Development process improvement

Open Source projects

.NET - JsonFlatFileDataStore
https://www.nuget.org/packages/JsonFlatFileDataStore/
Flat file JSON datastore for .NET

.NET - Fake JSON Server
https://github.com/ttu/dotnet-fake-json-server
Fake REST API following for prototyping supporting best API practices

Python - RuuviTag Sensor package
https://pypi.org/project/ruuvitag-sensor/
Communication package for RuuviTage BLE sensor

More projects, educational materials and information:
https://ttu.github.io/
https://github.com/ttu

Languages

Finnish	MOTHER TONGUE
English	FLUENT

Recommendations

http://www.linkedin.com/in/tomitu