

Risto Anton Päärni, Helsinki Finland is available for New Assignments.
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Introduction

Risto Anton, a passionate AI+ Value Creator and Data Engineer at Lifetime Studios. He is an acting CEO and internationally trusted AI+ Advisor. He has extensive experience across multiple industries, has a proven track record of successfully leading and driving AI+ solutions and lifting up projects. His expertise in building applications using [Cursor.AI](#) and GitHub Copilot (Codespaces, Actions, Projects, Gists, Sonnet 4.x, Open Codex GPT-5, AZR AI Foundry, AI Studio/Gemini Pro, AZR Data Data Fabric, Amazon Web Services, GC) is driving in significant revenue growth and positive ROI for Lifetime Oy. Risto excels at developing strategic products (Lifetime AI Foundry, Lifetime Firehorse Product Line, Lifetime Fleet-Cars-Drones-Robots, Google Merchant AP2 eCommerce, xAI, Grok) that drive



our client's success deliveries. He is leveraging his strong communications and leadership skills to foster collaborative environments where individuals can thrive and contribute to the overall success of the client project and relationship.

As an AI/Cloud Engineer, Risto Anton drives successful AI implementations (Claude Code, Sonnet, GPT-5 Codex, Cursor.AI, Google AI Studio, Google Gemini), leads the development of modernized solutions and Apps. He has deep domain knowledge and skills in developing with both AZR AI Foundry and Google AI Enterprise with Lifetime AI Foundry (Notion.AI, Perplexity, Meta, LlamaStack, LangChain, Docker MCP Hub, Cursor.AI, M365 Copilot, Gemini Pro, SLMs, Llama, Phi-3, Meta, C#, Python, Aspire, HTML). Currently, the team is building using Agents and Prompt Flow (Flutter Flow, Cursor.ai, Curious.AI, vibecoding.app, Claude Code, Azure AI Prompt Flow).

Risto Anton Päärni, MS in Industrial Management / MS Smart Factory / BS in Computer Science.

Risto is passionate about helping customers with their AI roadmap, uplifting projects and rewriting growth portfolios, ensuring project planning & implementations into client success outcomes.

Customization with Context Engineering.

- Using right context and prompts, tools and Enterprise AI tooling and AI Foundry to match the enterprise needs (Antropic, Google A2A/AP2, MCP Servers, Containers, Agentic frameworks).
- Enhancing open-source solutions where current SaaS capabilities fall short, expensive and to save and transform.
- Seamlessly orchestrating all new components into the NEW unique enterprise processes.

Continuous Solutions Uplift is a dedicated process.

- Continuously improving customer solution performance, client satisfaction, and ROI.
- Proactively identify and remove bottlenecks, technical glitches, gaps, pain points.
- Perfection is a journey, not a destination.
- Align excellent technical execution with measurable business outcomes and gain and keep the competitive advantage for the customer.
- Security and Legal First.
- Ensure robust authentication, communication, observability (NIS2) across all interacting agents and systems 24/7 autonomously.

Risto is the *Founder* of Lifetime Oy. Lifetime Studios is an Independent Skills & Software Vendor (ISV) and Lifetime Consulting acts as contractors. Leveraging his good reputation and technical expertise leading the project consulting work through his work life experience, Risto Anton has gained extensive knowledge from industries including logistics, industrial IT, plastic, oil, gas and renewables, government, and media.

Risto Anton guides his clients in developing strategic projects that drive revenue growth in this AI+ Business Moment we live. He optimizes CAPEX/OPEX with fit-for-purpose models and builds automated workflows for solutions while taking care that compliance requirements are met. This work results in positive ROI/ROE of AI+ projects.

He believes that strong Soft Skills and Great Teams create the best outcome for any work. He excels at leading teams, managing, and orchestrating clients and automating AI+ projects, while negotiating with clients with patience and resilience.

Risto Anton is adept at building a collaborative environment where individuals can thrive and contribute to the overall success of the project and the client.

Risto Anton is responsible for driving the solution sales of Lifetime Firehorse Products. He actively onboards new clients, leads the hiring process, and oversees marketing, reporting, stakeholder management, and accounting. Furthermore, Risto Anton cultivates strong relationships with key partners, including IBM Business Partner, Microsoft ISV, Google Startups, and Proton Business Partner, fostering a collaborative environment.

As the *Product Owner* of Lifetime World, DWS IQ platform and its projects he is responsible for their roadmap, productization, and both technical and business development. His projects include onelifetime.world, DWS IQ, and Lifetime Firehorse Products. As *Software Architect*, Risto is responsible for each project's *clean architecture*, managing deployment, tracking, and nurturing the project roadmap, kanban, backlog and deviation and green/blue builds in the cloud (AWS, Google, Microsoft Azure).

Education

- MS [Industrial Intelligent solutions](#) in Metropolia University of Applied Sciences, ylempi ammattikorkeakoulututkinto, Software Engineer (MSc), 2025.
- Master thesis: **Firehorse Product Line: AI+ Operating Model for Customer Success.**
- MS Technology Entrepreneurship, [Industrial Engineering and Management](#) in Lappeenranta University of Technology DI (MSc), 2007.
- Master thesis: Dynaaminen hinnoittelu yrityksessä, 2007.
- BS [Bachelor of Engineering](#) in EVTOL Software Engineer (BSc), 1991.
- BS ICT Project Manager Program, datanomi (BSc), Taitotalo, 2018.
- Johtamisen ja yritysjohtamisen erikoisammattitutkinto (JYET), Leadership Program, Business College, 2019.
- Matriculation examination, Myyrmäen lukio. 1985.

Language skills

Language	Level	Information
Finnish	Native speaker	äidinkieli
English	A1	Business and AI Language. Risto Anton is fluent in English in project work and in remote working environments.
Swedish	B1	bra, Tjänstemans Språkprov, virkamies ruotsi (LUT)
Deutsch	C1	Grundkenntnisse, 4 Jahre lang studiert.
Python		Effective Prompt Builder Build better AI prompts with a guided 10-step wizard - from blank page to copy-paste ready. GitHub: https://github.com/blogtheristo/effective_prompt_builder_03
C# .NET Aspire		Aspire Sample Applications with .NET8 Aspire 9.5.0 (Not 9/10) GitHub: https://github.com/blogtheristo/aspire-samples95
JavaScript, Redux, CSS, HTML		Fluent. GitHub Copilot. Entity Framework (ORM): - Entity Framework Core 8/9 - Code-First ja Database-First lähestymistavat - LINQ-kyselyt - Migrations Redux (State Management): - Redux Toolkit - React-Redux integration - State management patterns.

Certifications & Hacks & Whitepapers

Certification Name	Issued By	Issuer	Year started
Microsoft Azure Solutions Architect	Microsoft Azure Academy	Microsoft Cloud Academy	2018-
AI Engineer	Microsoft	Learn Certifications Level 10	2024-
AWS Architect Associate	AWS	Nordcloud, Amazon Web Services	2020-
AWS Architect Practitioner	AWS	Business Language. Fluent in project work and remote environments	2019
Project Management Professional, C level	projektiyhdistys	IPMA (International Project Management Association)	2020
Microsoft for Founders	Microsoft	.NET 8/9/10, Aspire 9.5, Azurite, Docker Hub MCP, Python, C#, Microsoft Agentic	2017-

Microsoft BizSpark AI Engineering Skills Google Partner Advantage	Lifetime Studios	Framework, ILogger, Go, Node.JS, Azure Developer CLI, Microsoft Visual Studio, Microsoft Visual Code, Cursor AI, Windsurf, Bolt.New, Google Console, Firebase Studio, Lovable, Replit, Vibecode.App Pro.	2015-
Hack	NVIDIA and LlamaIndex Developer Contest	NVIDIA	2024-
Hack	RAG Hack	Microsoft Reactor, Azure AI Search, OpenAI SDK, Azure AI Foundry, multimodal generative AI model, Microsoft Prompt Flow.	2024-
Founder		Microsoft for Founders Program, 2022-2025. level 1 to 4. Leading a team on GitHub Projects, Front-end JavaScript, Docker Desktop Development, Microsoft Azure Back Storage, GitHub fit-for-purpose Models. Screenful Reporting ROE/ROI and planning BP, AI accuracy testing evaluation, QA,	2022-
Google Cloud Solutions Architect		Google Cloud Certifications, Google Partner Advantage.	2008-
IBM Data Scientist Certification		AI+ Business Moment. Coursera Certs, IBM Business Partner	2020-
GDPR		Software Finland Ry, Euroopan komissio AI Finland	2020-
NIS2, EU Data Act, EU AI Act		European Commission	2020-
Intensive courses	Kaggle	GenAI intensive course Vertex AI, Vertex AI Studio, Vertex AI Builder, Vertex AI Evaluation for assessing model performance, Vertex AI Pipelines for orchestrating ML workflows, Vertex AI Model Registry for managing model versions, and Vertex AI Feature Store. Pretraining is for knowledge. Finetuning (SL/RL) is for habitual behavior. System Prompt training 5-Day Gen AI Intensive Course with Google.	2024-
Claude Academy			
Agentic AI	Digital Workforce	Sema4.ai. Project: Refactoring of Agentic Frameworks and Libraries for Code Improvement: LlamaStack, Libraries like LangChain, LlamaIndex, AutoGen, CrewAI, and others that provide tools to build agents are continuously updated for refactoring LLM based Agentic Apps.	2025-
AZR AI Foundry Microsoft Agentic Framework		AZR AIF has everything a team needs to design, customize, and manage AI applications and agents built in GitHub, Visual Studio,	

		Copilot Studio, and Microsoft Fabric with APIs for all your needs.	
Building Agentic AI	X, Meta, Google	LlamaIndex, LangChain, Agentic AI Business Analyst, Grok for Inference, Google Cloud Run	2025-
Building Agentic workflows	Lifetime Studios, n8n, sema4.io, Microsoft	Liite 1: Whitepaper: Tekoälyagenttien Teoria	2025-
GDPR, NIS2, EU Data Act, EU AI Act	Software Finland Ry (member), Arrow Champion 2024. Azure Confidential Computing, AI Finland, AI Stockholm, EU Commission	Liite2:Kriittisten Tekoälyagenttien kehittäminen	2025-

Projects

- Hack: NVIDIA and LlamaIndex Developer Contest 2025.GPUs. NIM.
- Hack: Microsoft RAG Hack 2024
- Project DWSMAUI: Hack: Fabric Hack, Microsoft Fabric enterprise hyötykäytössä.
- Crowd Investment Management Studio 08/2015-07/2017, osallistuin Microsoft BizSpark 2 v. ohjelmaan, Product Owner, Developer. Lifetime Group.
- Lifetime Digital Workspace 3 05/2018-07/2019, Amazon Web Services EBAN rahoitetussa ohjelmassa.
- DWS AI, 2019, developer Watson AI solution on IBM Cloud, IBM Business Partner kumppanuusohjelma (2019 alkaen)
- Lifetime World, DWS IQ Platform version 3, 4, 5,6 Lifetime AIQ Solutions. Lifetime AIQ Agent Runbooks. Microsoft for Founders ohjelma, 03/2020 tasot 1- 4 jatkuen.
- Omnichannel First toimintamalli Lifetime Firehorse tuotemerkin tuotekehityksessä. Metropolia Ammattikorkeakoulu. YAMK, Smart Factory koulutusohjelma.2025–2026 (jatkuu)
 - AI+ Workflow automation ratkaisu n8n teknologialla (mikäli soveltuu).
- Project: .NET Omnichannel First Business Model, Operations Model, Research and Development of Firehorse Omnichannel First product.
- DWSMAUI: Cross-platform application framework.
- Semantic Kernel SDK: Advanced AI and machine learning development kit
- Azure AI Agent Service and Semantic Kernel Agent Framework
- Aspire with Azure Functions .NET 8/9/10: Modern cloud-native (and local/private cloud) serverless microservices/ Docker / Azure Container Apps (ACA).
- Microsoft Kernel Memory is Part of Microsoft Agentic Framework. s a multi-modal AI service designed specifically to provide long-term memory for AI agents and applications. It is the engine that powers Retrieval-Augmented Generation (RAG) for any application built on Microsoft's new AI stack. Its core purpose is to do exactly
 - **Indexing:** It ingests various data sources (PDFs, Word docs, PowerPoints, web pages, images, etc.), extracts the text and information, and indexes it efficiently.
 - **RAG Architecture:** It is a complete, out-of-the-box RAG solution. It handles the complex pipeline of chunking data, generating vector embeddings, and storing them in a vector database (like Azure AI Search).
 - **Querying & Citations:** It enables natural language querying. When you ask a question, it retrieves the most relevant information from its index, augments the LLM's prompt with this data, and generates an answer. Crucially, it provides **citations and source tracking**, linking back to the original documents.
 - **Asynchronous Memory:** It is designed to work as an asynchronous web service. This allows it to handle large-scale data ingestion and "synthetic memory" (where the LLM refines and summarizes memories over time) in the background without blocking your main application.
- Kouluttaja; Focus: Development of comprehensive cross-platform cloud native containerized solutions and products,
- Kouluttaja; Focus: AI+ Agent Runbook with Sema4.ai, n8n.io workflow, Power Automate Workflows,
- Kouluttaja; Focus: Utilization of AI+ tools and GitHub tools, managing Projects for efficient Project Management,
- Kouluttaja; Focus: Learn and Lead as leading AI+ consultancy.(Generatiivinen tekoäly, Vahvistusoppiminen (RL) ja agentit, Suuret Järkeilymallit (LRM), Edge AI, Selittävä tekoäly (Explainable AI XAI), AI in Healthcare, AI Ethics and Governance in the EU.

- **Generatiivinen tekoäly; sovelluskehityksen kielimallit:** Claude Sonnet 4.x, GPT-5 Codex, Gemini 3, Grok 4 Fast, DALL-E, pystyvät luomaan uutta sisältöä, kuten tekstiä, kuvia ja musiikkia
- **Agenttitekniologiat, Agentic AI Frameworks :** [Claude Platform](#), Azure AI Foundry, Oracle Cloud, Google AI Studio, Claude Code, LangChain, [Cursor.ai](#), Visual Code, GitHub Copilot Pro, Cline.
Reinforcement Learning (RL): Vahvistusoppiminen on tekoälyn osa-alue, jossa agentit oppivat tekemään päätöksiä annetun kehyksen mukaisesti. Kurssi:
- **Edge AI:** Tekoäly, joka toimii reunalaskennassa, eli laitteissa, jotka ovat lähellä datan keräyspistettä. Tämä on tärkeää esimerkiksi IoT-laitteissa, joissa viiveen minimointi on kriittistä.
- **Explainable AI (XAI):** Selitettävä tekoäly on kasvava trendi, jossa keskitytään tekemään tekoälyjärjestelmistä läpinäkyvämpiä ja ymmärrettävämpiä. Tämä on erityisen tärkeää sääntelyn ja eettisten kysymysten kannalta.
- **AI in Healthcare:** Tekoälyn soveltaminen terveydenhuollossa, kuten diagnostiikassa, hoitosuunnitelmien optimoinnissa ja potilastietojen analysoinnissa, on merkittävä trendi.
- **AI Ethics and Governance:** Tekoälyn eettiset kysymykset ja hallintamallit ovat yhä tärkeämpiä, kun tekoälyä käytetään laajemmin yhteiskunnassa. Tämä sisältää esimerkiksi tekoälyn vaikutukset työllisyyteen, yksityisyyteen ja turvallisuuteen.
- **AI in eCommerce.** Firehorse tuotelinja sisältää monia innovatiivisia tuotteita ja palveluita joita kehitetään aktiivisesti tekoälyn avulla.

Lifetime World is an initiative whose mission is to fight climate change, erosion, and droughts. Lifetime World leverages cloud-native AI technologies to incentivize sustainable living and empower individuals to transform improvement from the climate crisis impact through gamified challenges, impact tracking, and Coal Certificates deals with Lifetime World Coin. Lifetime World is targeting diversification for energy sources to reach high energy security (source country, trade route, energy source).

The deep tech solutions in Lifetime World needs strong long-term investor support for the Lifetime World. The DWS and its H2AIQ Solutions at the Lifetime World is distributed energy production community for citizens and SMEs; offers solution for the EU's and further Global energy security challenge.

Lifetime World is an interconnected global community where the UN's Sustainable Goals SDGs are highly valued and prioritized. It offers one community and DWS Platform for International Energy Co-operation and local to global pricing relations. #lifetimeworld #DWSPlatform #H2AIQSolutions #EnergySecurity #IEA

About the project: Lifetime World is an approved European full-stack project at the Microsoft Hub for startups (USD 153,000 level 4) Connected technologies; Azure AI services, Microsoft Entra id identiteetin hallinta, multiple APIs, Azure container Apps, workloads on AKS (Oqtane), Azure Blockchain, Microsoft Fabric, Microsoft Azure Strategic cloud services, Microsoft Power Platform, Microsoft Dynamics 365, Microsoft Visual Studio Enterprise / Code (Aspire .NET), Google Cloud Run, Dataverse, Lifetime Studios GitHub Enterprise. We are in the process of finding investor partner.

The **DWS IQ** for Intelligent Industries is improving the change toward the electrification age through improving supply chain processes through use of H2/Coal Certs from fossil fuels. The DWS IQ is an innovative platform and mobile application with cloud-native backbone of Data Lake/ AI/ LLMs / RAG on Microsoft Azure. As PO he plans, build, manage DWS IQ MVP with his team. Risto is writing his second Master Thesis work in Metropolia University about .NET Cloud-native multicloud solutions.

About the project: DWS IQ focuses on improving industrial processes with electrification thus reducing carbon footprint. It includes cloud-native development for SaaS backend and a mobile Application.

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Thank you for your attention to GDPR.

Risto Anton's Skills

My Skills Competence Area	Experience In years / IQ Level (1-5) / Learn (OK MS/LI), Roles	Responsibilities	Outcomes, Artifacts, Projects, Solutions, Business Cases, Case Studies
<p>Leadership and Management</p> <p>Leadership Skills: Leading Managing Coordinating Directing Supervising Motivating Mentoring Team Building</p>	<p>15+/4,8</p> <p>CEO</p> <p>CFO</p>	<p>CEO Responsibilities:</p> <p>As CEO, Responsible for managing all customers in the portfolio and building strong relationships with key decision-makers and influencers.</p> <p>Solution Sales: Responsible for driving the solution sales of the Lifetime Firehorse Products.</p> <p>Client Onboarding: Actively onboards new clients.</p> <p>Hiring Process: Leads the hiring process1.</p> <p>Marketing: Oversees marketing strategies and initiatives.</p> <p>Reporting: Manages reporting and ensures accurate and timely information to related organizations including responsibility company information.</p> <p>Stakeholder Management: Cultivates strong relationships with key partners, including IBM Business Partner, Microsoft ISV, Google Startups, and Proton Business Partner.</p>	<p>BUSINESS STRATEGY, SCENARIOS WORK, BUSINESS CANVAS, PREDICTIONS, BUDGETING, BUSINESS STRATEGY FORMULATION, OPERATIONS MANAGEMENT, CASH FLOW MANAGEMENT.</p> <p>CEO OUTCOMES:</p> <p>Achieved significant revenue growth and positive ROI for Lifetime Group by leveraging AI and cloud powered solutions.</p> <p>Optimized CAPEX/OPEX, resulting in positive ROI/ROE through strategic projects like DWS5 and Lifetime World.</p> <p>Improved supply chain processes and reduced carbon footprint through electrification.</p> <p>Supervised business strategy updates yearly with investors and partners, including scenarios work, business canvas, predictions.</p> <p>Supervised Monthly Lifetime Business Plan:</p> <p>Supervised the development and execution of the Lifetime</p>

		<p>Accounting: Oversees accounting and financial management with our partner.</p> <p>Business Strategy: Responsible for managing all customers in the portfolio and building strong relationships with key decision-makers and influencers.</p> <p>Operations Management: Manages daily operations and ensures smooth workflow.</p> <p>Budgeting: Manages floating budgeting and oversees financial planning.</p> <p>Partnerships: Leads partnering initiatives, establishing strong domain management and collaboration.</p>	<p>Business Plan (LTS 2025-2030), ensuring alignment with strategic goals and objectives.</p> <p>Managed the creation and evaluation of business cases, driving customer engagement and satisfaction.</p> <p>Optimized Sales Strategy:</p> <p>Optimized the sales strategy to enhance operational efficiency and achieve revenue targets.</p> <p>Managed the sales funnels, ensuring effective lead generation and conversion.</p> <p>Led the partnering initiatives, establishing strong domain management and collaboration.</p> <p>Managed floating budgeting at Lifetime Oy daily and overseeing daily operations.</p> <p>Managed financing initiatives for projects and raising funds for them.</p> <p>Defined, and prepared AI solutions, and their sales.</p> <p>Prepared business plans and their associated business cases.</p>
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			Wrote sales proposals.
<p>New Business Development</p> <p>Creative Skills Creating Composing Conceptualizing Designing Innovating Inventing Modeling Sketching</p>	<p>15+/4,9</p> <p>CIO</p> <p>PROJECT MANAGER</p> <p>AI ENGINEER</p> <p>AGENTIC AI BUSINESS ANALYST</p>	<p>As CIO, responsibilities at Lifetime Oy are:</p> <p>Client Engagement: Managing client engagement and client life cycle management.</p> <p>Communication: Communicating, advising, coaching, counseling, interviewing, negotiating, persuading, presenting, teaching, and training.</p> <p>Organizational Skills: Arranging, assembling, budgeting, classifying, collecting, compiling, coordinating, organizing, and scheduling.</p> <p>Administrative Skills: Administering, filing, managing, operating, ordering, and reporting. Sales Activities: Managing and organizing sales activities, leading and driving performance to meet volume and revenue targets.</p> <p>Solution Development: Providing tailored agentic AI solutions in line with company strategy, including leading customer and vertical-based solutions.</p> <p>Technical Skills: Developing robust Agentic AI Applications and fostering collaborative agent teams.</p> <p>Marketing Skills: Managing and executing an omnichannel social strategy,</p>	<p>New Business Development</p> <p>Strategic Planning: Developed and executed strategic plans to identify and pursue new business opportunities through market research on multiple social channels, academics, partner networks.</p> <p>Market Analysis: Conducted comprehensive market analysis to understand industry trends and customer needs.</p> <p>Client Engagement: Engaged with potential clients to understand their requirements and propose tailored solutions.</p> <p>Partnerships: Established and nurtured strategic partnerships to expand business reach and capabilities.</p> <p>Sales Strategy: Optimized sales strategies to enhance operational efficiency and achieve revenue targets.</p> <p>Project Management: Managing the lifecycle of new business projects, ensuring timely delivery and</p>

		<p>understanding market trends, and tactical leadership based on strategy.</p> <p>Research Skills: Analyzing, investigating, researching, reviewing, and studying.</p>	<p>client satisfaction. Managing the partner channel and its offering related to the new business project.</p> <p>Innovation: Led the development of innovative solutions and products to meet market demands.</p> <p>Fundraising: Successfully raised funds for new business initiatives through strategic planning and execution and fundraising channel work.</p> <p>Projects</p> <p>Led the development of modernized solutions and Apps using AI Foundry and AI Studio both on Azure and Google.</p> <p>Managed the Lifetime World and DWS IQ projects, responsible for their roadmap, productization, and both technical and business development.</p> <p>Implemented AI Agentic technology for CIO requirements using Microsoft Azure, n8n, power platform.</p> <p>Hack (enterprise architectures: hack collaboration page)</p> <p>Outcomes:</p>
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			<p>Communication strategy, Omnichannel strategy, marketing strategy</p> <p>Developed and implemented comprehensive communication strategies, including omnichannel and marketing strategies, to enhance client engagement and project visibility.</p> <p>Successfully negotiated with clients regarding project lifecycle. its artifacts and outcomes, ensuring clarity on artifacts, shared planning, and key milestones.</p> <p>Conducted team budget tracking and reporting, effectively managing deviations through the creation of efficient project communications.</p>
<p>Consultative Solution Sales Skills:</p> <p>Problem-Solving Skills: Assessing, diagnosing, problem-solving, resolving, troubleshooting.</p> <p>Communication Skills: Communicating, advising,</p>	<p>15+/ 4,8</p> <p>SALES MANAGER</p>	<p>Accountable and ownership of all customers in the Lifetime Customer Portfolio.</p> <p>Risto Anton Creates stronger relationships with the decision-makers and influencers of the clients on omnichannel and face-to-face.</p> <p>Risto Anton, featured on <i>Marco Report</i>, is an organizer</p>	<p>Sales Activities</p> <p>Effectively manages and organizes sales activities, leading and driving performance to consistently meet and exceed volume and revenue targets.</p> <p>Enhances operational efficiency through various sales channels,</p>

<p>coaching, counseling, interviewing, negotiating, persuading, presenting, teaching, and training.</p> <p>Organizational Skills: Arranging, assembling, budgeting, classifying, collecting, compiling, coordinating, organizing, and scheduling.</p> <p>Administrative Skills: Administering, filing, managing, operating, ordering, and reporting.</p> <p>Client Engagement: Managing client engagement and client life cycle management.</p> <p>Sales Activities: Managing and organizing sales activities, leading and driving performance to meet volume and revenue targets.</p> <p>Solution Development: Providing tailored solutions in line with company</p>	<p>TECHNICAL PROJECT MANAGER</p>	<p>and innovator. His leadership transforms risks into client opportunities, excelling in creative project management.</p> <p>Risto collaborates with local and international colleagues to provide first-class service to further increase customer satisfaction and loyalty.</p> <p>Relationships do matter - Risto Anton has a friendly and patient personality, result-driven teamwork attitude, flexibility on remote or office and other working conditions issues like working hours, high-level of passion about customer satisfaction, ‘kaizen’ on software skills and on ensuring secure solutions as a motivator.</p> <p>Risto is ethically strong thinker, with international manners. Considerate, Harmony, Approachable, Trusting, Warm, Energy, Sociable. Huomaavainen, lämmin, harmonia, saavutettavissa, kyky kuunnella, ihmiseen luottava, energinen, sosiaalinen.</p> <p>An Innovator Organizer profile prefers to express their creative personalities within an effective framework, helping them best achieve their objectives. He is dynamic and knows how to find original ideas and he shows a real entrepreneurial spirit, along with a great ability to sell the approved ideas into projects.</p> <p>Innovation project management</p>	<p>including influencer sales, direct sales, webinar sales, eStore sales, and managing CRM data and pipelines.</p> <p>Solutions Development</p> <p>Provided tailored solutions in line with company strategy, including leading customer and vertical-based solutions12. Delivered secure, scalable, and reliable customer-facing services as a Cloud Architect.</p> <p>Understands for the customer pain points to address and offer valuable solution and service offering to the customer at the right time and to the right person.</p> <p>[Chain-of-Thought]</p> <p>Omnichannel First Marketing Optimization with Reinforcement Learning and with human intuition, market trends understanding, and tactical leadership based on strategy.</p> <p>Effective AI technology stacks consist of CRM, sales agent, workflow platforms, and Prompt Flow Automation.</p>
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<p>strategy, including leading customer and vertical-based solutions.</p> <p>Technical Skills: Developing robust Agents.</p> <p>Marketing Skills: Managing and executing an omnichannel social strategy, understanding market trends, and tactical leadership based on strategy.</p> <p>Research Skills: Analyzing, investigating, researching, reviewing, and studying.</p> <p>Problem-Solving Skills: Assessing , Diagnosing, Problem Solving Resolving, Troubleshooting</p> <p>Soft Skills: Risto works and enjoys in a multicultural environment.</p>	<p>Technology Strategy Technology Roadmap</p>	<p>Identify clients' business strategies, objectives, needs, and buying criteria to develop solutions that address their requirements.</p> <p>Responsible for identifying relevant opportunities in alignment with the company's growth strategy through collaboration with internal and external stakeholders.</p> <p>As Key Account Manager, leads customer and vertical-based tailored solutions in accordance with company strategy.</p> <p>Generates new opportunities, develops local differentiators, and formulates a business plan to support target delivery.</p> <p>Ensures sales systems and reporting are up to date for management tracking, analysis and planning.</p> <p>Manages LSJ) Lifetime Scope Journal YouTube (LJS) Lifetime Scope Journal LinkedIn (LSJ) Lifetime Scope Journal Business Blog domains: lifetime.fi dws10.com onelifetime.world finlandiaseniors.eu torreviejas.eu lifetimeconsulting.com</p> <p>Konsultin käsikirja on Lifetime Oy:n sisäinen opas konsulteille. Kirjassa</p>
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			<p>käsitellään konsultin tietoja ja taitoja, jotka hänen tulee hallita asiakastyössä.</p> <p>Teams</p> <p>wa.me/358400319010 Lifetime Oy's Whatsapp for Business Channel</p> <p>Projects:</p> <p>Led the development of modernized solutions and Apps using AI on Azure and Google. Managed the Lifetime World and DWS IQ projects, responsible for their roadmap, productization, and both technical and business development. Implemented AI-agent technology for CIO requirements using Microsoft Azure.</p> <p>Firehorse AI Projects for customers. DWS; Lifetime World. building company cap table & Fundraising Technology Roadmap available on GitHub Projects.</p> <p>Technology Roadmap for DWS IQ Is based on Microsoft Azure, .NET, AI Foundation models, AI Developer tools.</p> <p>Google Firebase Studio A cloud-based, agentic development environment designed to accelerate how you build, test, deploy and run production-quality AI applications, all in one place.</p> <p>Agent definition: Programming primitive and pattern that has its own behavior, knowledge, and context, as well as different levels of autonomy.</p>
<p>Deep Tech Consulting</p> <p>Research Skills Analyzing Investigating</p>	<p>15+ / 4,4</p> <p>Value Creator's workflow: Research, Build, Release.</p> <p>Research Agent</p>	<p>We focus on enterprises that need to constantly add new business value to their processes with the AI.</p> <p>Process development with LLM/SML/AI Prompt Flow/Agentic AI</p>	<p>Our clients want to improve and modernize their business strategies, fasten their Go-To Market cycle with growing revenues. They want that their ideas to innovation journey is well-architected, and costs are optimal , ROI is high.</p>

<p>Researching Reviewing Studying</p>	<p>Build Agent Release Agent workflow</p>	<p>Lifetime Group follows BT-Standard (pdf).</p> <p>Cutting-Edge A2A and its Mainstream Enterprise Adoption: Current 2025 Action: MCP concepts, A2A discussions, rapid framework development like LangChain, llamaIndex, Microsoft Agentic Framework are the leading . Developers, startups, and forward-thinking enterprise innovation labs are experimenting and building proofs-of-concept, MVP, products.</p> <p>Enterprise Realities: For these capabilities to permeate 33% of all enterprise software applications across diverse industries, several hurdles need to be overcome:</p> <ol style="list-style-type: none"> 1. Integration with Legacy Systems: Many enterprises run on complex, older systems. Integrating sophisticated AI agents seamlessly is a massive undertaking. 2. Data Readiness & Governance: Agents need high-quality, accessible data and clear governance frameworks. Many organizations are still on this journey. 3. Security & Compliance: Granting agents autonomy to make decisions and take actions raises significant security and compliance concerns that need to be meticulously addressed (e.g., data privacy, audit trails, access controls). 4. Trust & Reliability: Enterprises, especially in regulated industries, are inherently risk averse. Agents need to be exceptionally reliable and their decision-making processes transparent enough to build trust before critical tasks are handed over. 	<p>Update clients productization AI services, Anomaly Detector, Azure Bot Services, Azure Cognitive Search, Azure ML, Azure Open Datasets, Azure Cognitive Services, Azure Video Indexer, Computer Vision, Content Moderator, Custom Vision, Data Science VM, Face API, Azure Form Recognizer, Azure Immersive Reader, Kinect DK, Language Understanding (LUIS), Microsoft Genomics, Personalizer, Project Bonsai, QnA Maker, Speaker recognition, Speech to Text, Speech translation, Cognitive Service for Language, Text to Speech, Translator, Azure Metrics Advisor, Health Bot, Azure Percept, Azure Applied AI Services, Azure OpenAI Service, cloud computing.</p> <p>Google AI Studio with Gemini to prototype various prompts to contribute to a single business use case. Google AI Stack is excellent with prototyping with generative models and building solutions on Google Cloud and releasing them to Clients and Marketplace.</p> <p>Google AI Studio lets client our consultant to out models and experiment different prompts and CoT. Risto can then export it to code in preferred programming language and use the Gemini API with it to build MAUI (multi-application User Interface) Apps that are cloud-native and use modern Container Apps backend.</p> <p>With Lifetime Firehorse, we target The EU enterprises and SMEs, industries like manufacturing that are led behind with AI, automotive, energy, telecom, manufacturing, software, electronics, IT, logistics, Health, Deep Tech.</p> <p>Solution sales CEOs/CIOs/CTOs/POs/Architects. Lifetime Group (LI) has 1,25k+ followers.</p> <p>Lifetime Group follows BT-Standard to build continuous</p>
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		<ol style="list-style-type: none"> 5. Change Management & Skills: Shifting work patterns to incorporate autonomous agents requires significant change management, retraining, and potentially new roles. 6. Cost & ROI Justification: Implementing and maintaining sophisticated agentic systems requires investment. Clear ROI needs to be demonstrated at scale. 7. Standardization: While MCP is a working on many SaaS Applications, widespread A2A Agent to Agent communication will likely require more formal standards to mature for interoperability, much like APIs did. 	<p>integration and delivery to deploy solutions with the AI.</p> <p>We are your go-to Consultants on Microsoft Azure AI Services Microsoft and M365, Copilot Studio, AWS Sagemaker, IBM WatsonX & IBM Cloud, Google Gemini AI, Google AI Studio, GitOps Business Development. We copilot, move and transform business.</p>
Physical Skills Building Constructing Digging Driving Lifting Painting Running Walking	AI Platforms NVIDIA IBM Microsoft NetApp Google	An AI Platform is a comprehensive, integrated software and hardware environment designed to streamline and accelerate the entire lifecycle of artificial intelligence applications – from data preparation and model development through to deployment, monitoring, and management in production. It provides a cohesive set of tools, frameworks, and infrastructure capabilities to enable data scientists, ML engineers, and developers to build, train, deploy, and operate AI solutions efficiently and at scale.	Running marathons with yearly 16 up to 36 week program. 20 th Marathon year as of 2025.
BUSINESS CASE 4: Tietohallintohtajan (CIO) vaatimusten toteuttaminen AI-agenttiteknologialla Microsoft Azuren avulla voidaan jakaa useisiin keskeisiin vaiheisiin		An agile organization is a human-centric organization that responds and adapts quickly to changes in the marketplace or environment. The agile organization do continuous delivery of increasingly valuable solutions to its customers. CIO	<p>BUSINESS CASE 4: <i>Tietohallintohtajan agentin (CIO) vaatimusten toteuttaminen AI Agentic agenttiteknologialla sekä Firehorse First toimintamallia noudattaen. (Ver 30.4.2025).</i></p> <p>Vastaukset perustuvat tekoälylle opetettuun BT-mallin ydinsisältöön sekä viitattuihin julkisiin lähteisiin sekä Firehorse Omnichannel First tuotekehityksen toimintamallin</p>

			<p>joka on esitelty Risto Päärnin YAMK insinööriyössä (julkaistaan 2026).</p> <p>Microsoft Azuren avulla voidaan jakaa useisiin keskeisiin vaiheisiin ja osa-alueisiin. Tässä on yleiskatsaus siitä, miten tämä voidaan tehdä:</p> <ol style="list-style-type: none"> 1. Strateginen suunnittelu ja tavoitteiden asettaminen <ul style="list-style-type: none"> - Toteutetaan Azure AI Microsoft Azuren AI-palveluin, kuten Azure Machine Learning ja Cognitive Services, CIO agentin tavoitteiden saavuttamiseksi. - ennakoiva analytiikka, asiakaspalvelun parantaminen , liiketoimintaprosessien automatisointi. 2. Tietoturva ja säädöstenmukaisuus <ul style="list-style-type: none"> - Varmistamme, että AI-ratkaisut noudattavat tietoturvastandardeja ja ovat säädöstenmukaisia. - Käytämmekö Azure Security Centeriä riskien hallintaan ja suojauksen parantamiseen? 3. Palveluhallinta ja prosessien läpinäkyvyys 4. ICT-varautuminen ja jatkuvuuden hallinta; Azure Backup ja Azure Site Recovery <ul style="list-style-type: none"> Varmistamme, että AI-ratkaisut ovat osa organisaation ICT-varautumissuunnitelmaa. Käytä Azure
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			<p>Backupia ja Azure Site Recoveryä varmuuskopiointiin ja katastrofipalautukseen.</p> <p>5. Kumppanuudet ja resurssit Microsoft ISV:nä hyödynnämme Azure Marketplacea sovellusten julkaisuun. Asiakasprojekteissa AM voi auttaa löytääksesi ja integroidaksesi kolmannen osapuolen AI-ratkaisuja ja palveluita, jotka voivat täydentää organisaation omia AI-kyvykkyyksiä.</p> <p>6. Mittaaminen ja raportointi; Azure Monitor ja Azure Log Analytics: Käytä näitä työkaluja AI-ratkaisujen suorituskyvyn ja käytön seurantaan. Näin voidaan kerätä tietoa, joka auttaa parantamaan ratkaisujen tehokkuutta ja varmistamaan, että ne täyttävät liiketoiminnan vaatimukset.</p> <p>7. Henkilöstön koulutus ja osaamisen kehittämiseen käytämme Microsoft Learn ja Azure Training palveluja sekä Microsoft Sertifiointeja, jotta voimme tarjota henkilöstölle koulutusta ja resursseja Microsoft Learnin ja Azure Trainingin kautta, jotta he voivat kehittää tarvittavia taitoja AI-ratkaisujen sekä Firehorse projektien</p>
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			<p>hallintaan ja kehittämiseen.</p> <p>Yhteenveto Business Case 4:stä;</p> <p>Näiden vaiheiden avulla voit toteuttaa CIO:n vaatimukset AI-agenttiteknologialla Microsoft Azuren avulla, varmistaen samalla, että ratkaisut ovat turvallisia, säädöstenmukaisia ja liiketoiminnan tavoitteiden mukaisia.</p> <p>Vastaukset perustuvat tekoälylle opetettuun BT-mallin ydinsisältöön sekä viitattuihin julkisiin lähteisiin sekä Ketterä / Agile, SAFe / kokonaisketterä.fi</p> <p>Kokonaisketterä menetelmä, tunnetaan myös nimellä SAFe (Scaled Agile Framework), on kehys, joka yhdistää ketterän kehityksen periaatteet laajempiin, monimutkaisiin organisaatioihin. Se tarjoaa rakenteen ja ohjeet, joiden avulla suuret yritykset voivat soveltaa ketteriä käytäntöjä useilla tiimeillä, ohjelmilla ja portfoliotasolla.</p> <p>Kokonaisketterän menetelmän tavoitteena on lisätä tuottavuutta, parantaa laadunhallintaa ja edistää jatkuvaa parantamista organisaation kaikilla tasoilla.</p>
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			<p>Kokonaisketterän menetelmän peruseriaatteen ovat:</p> <ul style="list-style-type: none"> • Johtamisen ja tiimien sitoutuminen: On tärkeää, että sekä johtajat että tiimit ovat sitoutuneita ketterän kehityksen periaatteisiin ja käytäntöihin. • Jatkuva parantaminen: Organisaation tulee pyrkiä jatkuvaan parantamiseen ja oppimiseen, jotta se voi mukautua muuttuviin olosuhteisiin ja vaatimuksiin. • Arvon tuottaminen: Kokonaisketterä menetelmä keskittyy arvon tuottamiseen asiakkaalle mahdollisimman tehokkaasti ja nopeasti. • Läpinäkyvyys: Läpinäkyvyys on keskeinen osa kokonaisketterää menetelmää, ja se saavutetaan muun muassa avoimen viestinnän ja yhteisten tavoitteiden avulla. <p>Kokonaisketterän menetelmän hyödyt ovat:</p>
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			<ul style="list-style-type: none"> • Parantunut yhteistyö: Kokonaisketterä menetelmä edistää yhteistyötä tiimien ja sidosryhmien välillä, mikä johtaa parempaan kommunikaatioon ja yhteisten tavoitteiden saavuttamiseen. • Lisääntynyt joustavuus: Organisaatio voi reagoida nopeammin markkinoiden muutoksiin ja asiakkaiden tarpeisiin. • Tehostunut tuottavuus: Ketterät käytännöt auttavat organisaatiota optimoimaan prosessejaan ja resurssiensa käyttöä. • Parannettu laadunhallinta: Kokonaisketterä menetelmä mahdollistaa laadun tarkkailun ja parantamisen jatkuvasti. <p>Yhteenvetona todetaan, että kokonaisketterä menetelmä tarjoaa organisaatioille mahdollisuuden hyödyntää ketterän kehityksen etuja laajalla skaalalla, jolloin se voi</p>
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			<p>paremmin vastata sekä liiketoiminnan että teknologiaympäristön vaatimuksiin.</p> <p>Katakri on viranomaisten auditointityökalu, jota viranomainen voi käyttää arvioidessaan kohdeorganisaation kykyä suojata viranomaisen luottamuksellisia tietoja.</p> <p>ISO/IEC 27001 määrittelee vaatimukset tietoturvallisuusjärjestelmän perustamiselle, toteuttamiselle, ylläpitämiseksi ja jatkuvalla parantamiselle organisaation kontekstissa.</p> <p>ISO 21500 määrittelee projektien, ohjelmien ja portfolion hallinnan organisatorisen kontekstin ja taustalla olevat käsitteet.</p> <p>ISO 38500 tarjoaa ohjeita organisaatioiden hallintoelinten jäsenille (joihin voivat kuulua omistajat, johtajat, kumppanit, johtajat tai vastaavat) tietotekniikan (IT) tehokkaasta, tehokkaasta ja hyväksyttävästä käytöstä organisaatioissaan.</p> <p>ISO 13485 määrittelee vaatimukset laadunhallintajärjestelmälle, jossa organisaation on osoitettava kykynsä tarjota lääkinällisiä</p>
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			<p>laitteita ja niihin liittyviä palveluja, jotka täyttävät jatkuvasti asiakkaiden ja sovellettavien sääntelyvaatimusten vaatimukset. COBIT on maailmanlaajuisesti hyväksytty viitekehys yrityksen IT-hallinnan optimointiin.</p> <p>NIS2-direktiivi (Network and Information Security Directive) on EU:n säädös, joka asettaa turvallisuusvaatimuksia verkko- ja tietojärjestelmille jäsenvaltioissa. Direktiivin tavoitteena on parantaa kyberturvallisuutta ja vähentää kyberuhkien riskejä koko unionissa. Se velvoittaa jäsenvaltioita luomaan kansallisia strategioita ja valvontaviranomaisia kyberturvallisuuden parantamiseksi sekä ilmoittamaan merkittävistä tietoturvaloukkauksista.</p> <p>DATA ACT -säädös on EU:n lainsäädäntöä, joka pyrkii tehostamaan ja yhdenmukaistamaan tietojen hallintaa ja jakamista EU:n alueella. Se asettaa puitteet ja säännöt, joiden avulla yritykset ja viranomaiset voivat hyödyntää dataa tehokkaammin ja turvallisemmin. DATA ACT vahvistaa myös yksilöiden oikeuksia heidän omaan tietoihinsa</p>
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			<p>ja varmistaa, että datan jakaminen tapahtuu oikeudenmukaisesti ja läpinäkyvästi.</p> <p>Muita keskeisiä EU:n lainsäädäntövaatimuksia ovat muun muassa GDPR (General Data Protection Regulation), joka suojaa henkilötietojen yksityisyyttä ja asettaa vaatimuksia henkilötietojen käsittelylle, sekä ePrivacy-asetus, joka täydentää GDPR:ää ja koskee erityisesti sähköistä viestintää ja evästeitä. Näiden lainsäädäntöjen noudattaminen on erityisen tärkeää organisaatioille, jotka käsittelevät arkaluonteista tietoa tai toimivat kansainvälisesti.</p> <p>COMPLIANCE näiden vaatimusten kanssa varmistaa tietoturvan, yksityisyyden ja luottamuksen säilymisen, mikä on keskeistä liiketoiminnan jatkuvuuden ja menestyksen kannalta.</p> <p>Katakri is the authorities' auditing tool, which an authority can use in assessing the target organization's ability to protect an authority's classified information. ISO/IEC 27001 specifies the requirements for establishing, implementing, maintaining, and continually improving an information security management system within the context of the organization. ISO 21500 specifies the organizational context and underlying concepts for undertaking project, program, and portfolio management. ISO 38500</p>
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			<p>provides guiding principles for members of governing bodies of organizations (which can comprise owners, directors, partners, executive managers, or similar) on the effective, efficient, and acceptable use of information technology (IT) within their organizations. ISO 13485 specifies requirements for a quality management system where an organization needs to demonstrate its ability to provide medical devices and related services that consistently meet customer and applicable regulatory requirements. COBIT is the globally accepted framework for optimizing enterprise IT governance.</p> <p>Requirements compliance with CMMI, IT4IT™ Reference Architecture, ITIL, PMBOK, PRINCE2, SFIA, TOGAF, NIS2, GDPR, Data Act. Auditing tool Katakri, Pitakri</p> <p>CAPABILITY MATURITY MODEL INTEGRATION (CMMI) is a process level improvement training and appraisal program.</p>
	15+ / 4,4	CSO	<p>Julkishallinnossa pilvipalveluiden auditointipalvelu on prosessi, jossa arvioidaan ja varmistetaan, että pilvipalvelut täyttävät tietoturva- ja säädöstenmukaisuusvaatimukset. Tämä on erityisen tärkeää, koska julkishallinnon organisaatiot käsittelevät usein arkaluonteista ja kriittistä tietoa. Auditointipalvelu varmistaa, että pilvipalvelut ovat turvallisia ja luotettavia käytettäväksi julkishallinnon toiminnassa. Keskeiset osa-alueet pilvipalveluiden auditoinnissa julkishallinnossa:</p> <ol style="list-style-type: none"> 1. Tietoturva <p>- TIETOTURVA-ASETUS (681/2010) ohjaa asiakirjojen luokittelua ja tietoturvasuhteita vaatimuksia valtionhallinnossa. Auditoinnissa varmistetaan, että pilvipalvelut noudattavat näitä vaatimuksia.</p> <ul style="list-style-type: none"> - Riskienhallinta arvioidaan pilvipalveluiden riskit ja varmistetaan, että niihin on olemassa asianmukaiset hallintakeinot. 2. Säädöstenmukaisuus - EU:n yleinen tietosuojalaki (GDPR) varmistaa, että pilvipalvelut noudattavat GDPR:n vaatimuksia henkilötietojen käsittelyssä. Laki digitaalisten palvelujen tarjoamisesta (Digipalvelulaki) asettaa vaatimuksia

			<p>digitaalisten palvelujen saavutettavuudelle ja tietoturvallisuudelle.</p> <p>3. Palveluntuottajien auditointi</p> <ul style="list-style-type: none"> - Auditointistandardeina käytetään kansainvälisiä auditointistandardeja, ISO/IEC 27001, arvioidaan pilvipalveluntarjoajien tietoturvakäytännöt. - Palvelutasosopimuksilla (SLA) varmistetaan palveluntarjoajien kanssa tehdyt sopimukset täyttävät julkishallinnon vaatimukset. <p>4. Jatkuvuuden hallinta</p> <ul style="list-style-type: none"> - Varautumissuunnitelmilla varmistetaan, että pilvipalveluilla on asianmukaiset varautumissuunnitelmat ja että ne pystyvät palautumaan nopeasti häiriötilanteista. <p>5. Tietoaineistoturvallisuus, tietoaineistojen käsittelysäännöillä varmistetaan, että pilvipalvelut noudattavat tietoaineistojen käsittelysääntöjä niiden synnystä tuhoamiseen asti.</p> <p>6. Auditointiprosesseilla, kuten sisäinen ja ulkoinen auditointi, julkishallinnon organisaatiot suorittavat sisäisiä auditointeja käyttäen ulkopuolisia auditointipalveluita arvioidakseen pilvipalveluiden tietoturvaa ja säädöstenmukaisuutta.</p> <p>Auditointipalvelut ovat keskeinen osa julkishallinnon tietohallintomallia, ja ne auttavat varmistamaan, että pilvipalvelut ovat turvallisia ja luotettavia käytettäväksi julkishallinnon toiminnassa.</p> <p>Vastaukset perustuvat tekoälylle opetetun BT-mallin ydinsisältöön (RAG) sekä viitattuihin julkisiin lähteisiin.</p> <p>Katakri on viranomaisten auditointityökalu, jota viranomainen voi käyttää arvioidessaan kohdeorganisaation kykyä suojata viranomaisen luottamuksellisia tietoja. ISO/IEC 27001 määrittelee vaatimukset tietoturvallisuusjärjestelmän perustamiselle, toteuttamiselle, ylläpitämiselle ja jatkuvalla parantamiselle organisaation kontekstissa. ISO 21500 määrittelee projektien, ohjelmien ja portfolion hallinnan organisatorisen kontekstin ja taustalla olevat käsitteet. ISO 38500 tarjoaa ohjeita organisaatioiden hallintoelinten jäsenille (joihin voivat kuulua omistajat, johtajat, kumppanit, johtajat tai vastaavat) tietotekniikan (IT) tehokkaasta, tehokkaasta ja hyväksyttävästä käytöstä organisaatioissaan. ISO 13485 määrittelee vaatimukset laadunhallintajärjestelmälle, jossa</p>
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			organisaation on osoitettava kykynsä tarjota lääkinällisiä laitteita ja niihin liittyviä palveluja, jotka täyttävät jatkuvasti asiakkaiden ja sovellettavien sääntelyvaatimusten vaatimukset. COBIT on maailmanlaajuisesti hyväksytty viitekehys yrityksen IT-hallinnan optimointiin.
Microsoft Azure Architect Microsoft Sentinel Microsoft Entra ID zero-trust access (link) Security Center	8 / 4,0	CHIEF ARCHITECT	Responsible of Lifetime World Administrator 2015 ongoing, Entra ID
GitHub Projects, GitHub Codespaces, GitHub Copilot Atlassian JIRA; Bitbucket, Confluence	7 / 4,0 3 / 4,0	CHIEF ENGINEER	Administrator for Lifetime World Projects backlog, GitHub Codespaces, Github Copilot Administrator for Atlassian
Business Data Intelligence and Reporting	12 / 4,2	PRODUCT OWNER	(POC Product) Amazon Quick Sight - Business Intelligence from AWS. Amazon Quick Sight allows everyone in your organization to understand your data by asking questions in natural language, exploring through interactive dashboards, or automatically looking for patterns and outliers powered by machine learning. Microsoft Power BI / Jupyter Notebooks Microsoft Cloud for Sustainability
Design thinking and Service Design	12 / 4,0	PRODUCT OWNER	Pretotyping is a set of tools, techniques, and tactics designed to help you validate any idea for a new product quickly, objectively, and accurately. The goal of pretotyping is to help you make sure that you are building The Right It before you build It right. The design thinking process can be articulated in five steps or phases: empathize, define, ideate, prototype and test. In Lifetime World we use pretotyping when creating products and services and brands. IBM Design Thinking. FIGMA
Distributed Cloud-Native Architecture (.NET9 MAUI, Azure Functions, SignalR, Azure Hub, OpenAI SDK, Semantic Kernel Framework, Documentation AI SDK (Presidio), Cosmos DB & Azure Storage integration, Blazor Server App, Open AI SDK, Cosmos DB, Entra ID)	8 / 4,4 /	CHIEF ENGINEER DEVELOPER LEAD DEVELOPER	Overview: .NET9 is a cloud-ready stack for building observable, production-ready, distributed applications using microservices. Components: It includes NuGet packages for services like Redis, Postgres, Open AI SDK, Semantic Kernel, ensuring consistent and seamless integration. Tooling: Provides project templates and tooling for Visual Studio and the dotnet CLI to help create and interact with .NET Aspire apps.

<p>Azure Infrastructure IaaS, PaaS, SaaS Azure AI Services Azure AI Foundry and AI Agents Azure App Service Application Gateway Cosmos DB Azure SignalR Azure Data Factory Azure SQL Database</p> <p>Serverless Containerized software Architecture Azure Functions .NET AWS Lambda Cloud Run</p>			<p>Scalable serverless Agentic Application architecture IaaS with VMs PaaS with containers APIs, workflows, queues, and databases FaaS Functions as a Service (parts of SaaS) OpenFaaS Library GitHub (PLONK) kandi Workshop AWS Serverless AWS Lambda for .NET developers amazon.lambda.tools 5.4.4 The AWS Cost Explorer for DWS project Visual Studio 2022 Developer Command Prompt 17.12 Microsoft Azure Functions IBM Cloud Functions, Cloud Functions Analytics Services, Notification Services, Payment Services, Search Service, Observability Confidential Computing on Azure (Serverless Containers)</p>
Messaging Services		<p>CHIEF ENGINEER</p> <p>DEVELOPER LEAD</p> <p>DEVELOPER</p>	<p>DWS MVP Project: Amazon MQ, Amazon EventBridge, Amazon Kinesis Data Streams, Amazon Kinesis Data Analysis, Amazon SageMaker, Lambda, DynamoDB.</p> <p>NATS is a simple, secure and performant communications / monitoring system for digital systems, services(request/reply), streams(events/data) and devices, run on Docker with Prometheus Exporters, Fluentd Plugin, Open Tracing/Jaeger support, Dapr.io Component Integration, Spring Boot Starter, NATS/ DIDComm Messaging is a powerful way for people, institutions, and IoT things to interact via machine-readable messages, using features of decentralized identifiers (DIDs) as the basis of security and privacy. It works over any transport: HTTP, Bluetooth, SMTP, raw socket.</p>
Continuous Delivery pipeline for the Customer deployments	Your Go-To Copilots of Innovations and Solutions made of Hybrid Cloud/AI/ML/GitOps/D ata-Driven/Automation / Containers	<p>CHIEF ENGINEER</p> <p>DEVELOPER LEAD</p> <p>DEVELOPER</p>	<p>Azure DevOps for dws project responsibilities</p> <ol style="list-style-type: none"> 1. Managing project backlog w. Azure Boards (Agile Kanban and Scrum teamwork). epic, feature ja user story. 2. building Deployment automation workflows with n8n (Workflows App Automation Features from n8n.io) 3. Testing with 3 operations: Unit tests ``solitary tests`` for code logic. Testing code modules in isolation

			<p>with mocks and stubs. integration tests “sociable tests”. Testing code against Azure and AWS Services like AWS EventBridge. Payload-based filtering is one of the key reasons why choose EventBridge over SNS.</p> <ol style="list-style-type: none"> 4. end-to-end tests “production ready tests”, Test the deployed application through its API. 5. Develop release strategy with relevant stakeholders and communicate on the release schedule. 6. Review the current team, processes and tooling, and make improvement suggestions. 7. Identify the risks that can delay the release and manage them, such that the scope scheduled, and quality of the release is not affected. 8. Communicate with release managers from different stakeholders. 9. Coordinate defect backlogs planned releases on GitHub projects, and plan security and infrastructure services updates if needed. 10. Schedule release readiness reviews before deployment and milestone reviews after each release. 11. Organize regular agile meetings to update the runbook for each major release. 12. Team up with relevant development teams responsible for building the automation tools used to develop and deploy the software. 13. Make improvements in the methodologies used for configuration management and development of software that helps to find ways to use IaC tool. 14. work with cloud partners & operations/support. 15. Maintenance Services work (VMs, Images, Shell Scripting) 16. Solution: Teamwork Cross-teams. <p>CI/CD on azure</p>
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			<p>Azure Data Lake Storage Azure Data Factory Azure monitoring Azure AI Studio Preview Azure Blog Storage Azure App Service, Azure SQL data pipelines</p> <p>open source SCA, SAST and DAST tools</p> <p>AWS CI/CD Services: AWS CodeBuild – A managed continuous integration service that compiles source code, runs tests, and produces software packages that are ready to deploy. AWS CodeDeploy – A managed deployment service that automates software deployments to a variety of compute services such as Amazon EC2, AWS Fargate, AWS Lambda, and on-premises servers. AWS CodePipeline – A managed continuous delivery service that helps you automate your release pipelines for fast and reliable application and infrastructure updates. AWS Lambda – A service that lets you run code without provisioning or managing servers. You pay only for the compute time consumed. Amazon Simple Notification Service – Amazon SNS is a managed messaging service for both application-to-application (A2A) and application-to-person (A2P) communications. Amazon S3 is storage used to store and retrieve any amount of data at any time, from anywhere on the web. AWS Systems Manager Parameter Store – Parameter Store gives you visibility and control of your infrastructure on AWS. It can be set in AWS CloudFormation.</p>
<p>Application Development Visual Studio 2022 on Windows 11 Enterprise Semantic Kernel, MAUI, Aspire, MongoDB Atlas .NET-Identity, Key Cloak identity / Entra ID</p> <p>Visual Studio Code C# Dev Kit extension Azure Developer CLI azd</p> <p>Ubuntu 20.04.6 WSL2 Python 3.12.5 PowerShell Adz</p> <p>GitHub Codespaces @blogtheristometro</p>	15 / 4,8	<p>CHIEF ENGINEER</p> <p>DEVELOPER LEAD</p> <p>DEVELOPER</p>	<p>Cloud-native .net developer / azure architect / po</p> <p>Project: DWSMAUI; Mobile/web on .NET MAUI Blazor Cross-Platform. GitHub Copilot</p> <p>Project: DWS ecosystem01; Cloud-Native Services (Aspire)</p> <p>Project Management; GitHub Projects Roadmap, Kanban, Backlog, wiki for each project.</p> <p>Microsoft Azure Containers</p> <p>AI agents / serverless, unit testing, functionality testing, Continuous delivery workflow GitHub Actions, git, Azure Functions, Serverless workflows, Azure Logic Apps,</p>

<p>GitHub Actions Debugging Project: ecosystem01</p>			<p>TypeScript, React.JS, C#, Python, MAUI/Xamarin, .NET8, .NET9, C#, XAML</p> <p>React.JS, Flutter, Firebase, Replit (Google Cloud), Project IDX (with Android Studio)</p>
<p>/DWS IQ Platform DWS IQ Mobile App</p> <p>DWS IQ Solutions (Microsoft Market Store Q1/2025)</p> <p>Lifetime World - Website + Subscription Service</p>	8 / 4,8	<p>PRODUCT OWNER</p> <p>CHIEF ARCHITECT</p> <p>CHIEF ENGINEER</p> <p>DEVELOPER LEAD</p> <p>DEVELOPER</p> <p>CSO</p> <p>SALES MANAGER</p> <p>CIO</p>	<p>Project; DWS IQ Platform</p> <p>Project; DWS IQ App (multi-platform)</p> <p>DWS IQ App is a Cross Platform business App (MAUI a cross-platform framework for creating mobile and desktop apps). DWSV5 runs on Android, iOS, iPadOS, macOS, Tizen, Windows. DWS has a single shared codebase on GitHub. DWS and Lifetime World subscriptions from Microsoft Store. NET MAUI, Samples</p> <p>Project; Lifetime World ecosystem (site)</p> <p>Project; Lifetime World Communications (social + azure “Twilio”)</p> <p>Project; Lifetime World Coin</p>
<p>Database design NoSQL Workbench for Amazon DynamoDB ORM architecture Microsoft Storage Explorer Azure SQL Database</p>	7 / 3,5	<p>CHIEF ENGINEER</p> <p>DEVELOPER LEAD</p> <p>DEVELOPER</p>	<p>Design Schema Design a testing strategy. Create detailed designs for a solution.</p> <p>SQL Database is a cloud database service built for application developers that lets you scale on-the-fly without downtime and efficiently deliver your applications.</p>
<p>Administering on Microsoft 365 Admin Center</p>	7 / 3,0	<p>CHIEF ENGINEER</p> <p>DEVELOPER LEAD</p>	<p>Hands-on practitioner to manage lifetimeconsulting.eu domain since 2018 on Microsoft 365 and Microsoft Azure. Certification: Microsoft Cloud Solutions Architect (Microsoft</p>

<p>Azure Sentinel</p> <p>Administering business apps on Microsoft 365</p> <p>Microsoft Power Apps Platform 2 roadmap</p> <p>Customer Query Book & Buy functionality with calendar/PayPal.</p>		<p>DEVELOPER</p> <p>CSO</p>	<p>Academy 2017-2018 6 kk hands-on training Saranen/ Roine Antti, Bergius, Roine Jussi).</p> <p>Azure Sentinel is Microsoft's cloud native SIEM that provides intelligent security analytics for your entire enterprise at cloud scale. This SIEM as a Service (SIEMaaS) solution is designed as a cloud-based security-monitoring platform that leverages the power of the cloud for analytics and detections.</p> <p>Administering domain lifetimeconsulting.eu on Microsoft 365 Business since 2018. (E3 trial).</p> <p>Microsoft Power Platform enables users and organizations to analyze, act on, and automate the data to digitally transform their businesses. Microsoft Power Platform today comprises four products: Power BI, Power Apps, Power Automate, and Power Virtual Agents</p>
<p>Build and version management</p> <p>GitHub</p>	8 / 4,0	<p>CHIEF ENGINEER</p> <p>DEVELOPER LEAD</p> <p>DEVELOPER</p>	<p>2022 Design a testing strategy. Create detailed designs for a solution</p>
<p>Configuration management</p> <p>IaC Terraform Cloud</p> <p>Managed Kubernetes</p> <p>AWS CDK</p>	8 / 3,2	<p>CHIEF ENGINEER</p> <p>DEVELOPER LEAD</p> <p>DEVELOPER</p>	<p>Kubernetes API and Kong Ingress Controller. Kubernetes Ingress is one of the most widely used resources across Kubernetes</p>
<p>CI & CD</p> <p>GitHub actions</p>	8 / 3,2	<p>CHIEF ARCHITECT</p>	<p>AWS CloudFormation, Terraform, Azure AZ. Azure DevOps.</p>
<p>API Design</p> <p>API Gateway management</p>	8 / 3,2	<p>CHIEF ENGINEER</p> <p>DEVELOPER LEAD</p> <p>DEVELOPER</p>	<p>Serverless</p> <p>HTTP/3 & QUIC</p> <p>The HTTP/3 support for end user connections is built on top of s2n-quic, an open-source QUIC protocol implementation in Rust and designed to improve performance and end-viewer experience by reducing connection times and removing head of line blocking.</p> <p>Amazon CloudFront</p>
<p>Managing CI/CD pipeline</p> <p>Kubernetes</p>	8 / 3,2	<p>CHIEF ENGINEER</p> <p>DEVELOPER LEAD</p>	<ul style="list-style-type: none"> • 90 days DevOps Journey and CI/CD • k8s / Docker • Terraform Cloud / Registry

Production-Grade Container Orchestration Kong Ingress Terraform Cloud IaC SIEM evaluation project; Microsoft Sentinel Workspace on domain lifetimeconsulting.eu ServiceNow Ticketing (SOAR) evaluation		DEVELOPER	<ul style="list-style-type: none"> • Log management. • Monitoring and incident response • Ticketing system integration • Policy violations and enforcement validation • Compliance obligations (for example, HIPAA, PII, COBIT 5) • Certifications (ISO 27001)
Building Serverless on AWS Amazon Web Services Partnerships: Amazon Marketplace Consulting ISPs, ISVs. Frameworks AWS Serverless Application Model (SAM) AWS CloudFormation Serverless framework is All-in-one development & monitoring of auto-scaling apps on AWS Lambda. Serverless open-source frameworks on cnf.io	4 / 3,0	CHIEF ENGINEER DEVELOPER LEAD DEVELOPER	<ul style="list-style-type: none"> • Compute: Various workloads that deliver business value to Lifetime Group. • WordPress IaaS Bitnami with Virtual Machines Debian Linux managing machines. • PaaS managed machines. • Azure App Services, provisioning pre-built SaaS images. • Storage, SQS Messaging, Data, Networking • Serverless with Azure Functions and Azure Logic Apps • Containers Docker / k8s Registry Kubernetes
Building on Microsoft Azure .NET MAUI Power Apps Platform Semantic Kernel .NET Aspire Development with .NET8.1	10 / 4,4	CHIEF ENGINEER DEVELOPER LEAD DEVELOPER	<ul style="list-style-type: none"> • Azure Pipelines CI/CD • Compute: Azure IaaS with Virtual Machines Linux/Windows Docker Containers. • Azure App Service, provisioning pre-built SaaS images and websites (web app architecture / API app) • Storage, Messaging, Data, Networking • Serverless with Azure Functions and Azure Logic Apps • Container Docker images on k8s • Azure Kubernetes Service • Azure Pipelines CI/CD. • Azure Active Directory IAM: Authentication Framework Microsoft Entra Verified ID GA
Functions, Web Apps on Google Cloud Cloud Run APIs GCE Cloud Storage cims1909 Cloud Shell Editor - built using Eclipse Theia Spanner database with Paxos, Serverless containers, Flutter Developer Google Analytics for Firebase cims1909	10 / 4,0	CHIEF ENGINEER DEVELOPER LEAD DEVELOPER	Cloud Console Project: 597105056970 CIMS 1909 . Serverless containers; functions in containers; implement the custom logic and using the container as a utility service incurring costs only when the container runs. Built scalable containerized apps using language Python, Next.js, .NET on a serverless platform. Cloud Run Python Scripting . Scripts can be run from Artifact Registry, Docker Hub, GitHub.

<p>Testing and Debugging</p> <p>Documenting Code, APIs, and Services</p> <p>Docker 4.3.2 WSL2</p> <p>Linux Dev environment</p> <p>GitHub Actions</p> <p>GitHub Codespaces</p> <p>C# Dev Kit for Visual Code</p> <p>iLogger</p> <p>Mermaid diagrams / Markdown on VS Code</p> <p>Documenting source code, diagrams, APIs in class libraries, azure services.</p> <p>Creating New Product(S)</p> <p>Product Hunt tooling stack</p> <p>Team management Notion</p> <p>Lifetime Studios</p>	8/4,5		<p>Testing and debugging are essential in delivering a robust and error-free software product, and in software development aimed at ensuring the quality and reliability of the software. Testing involves systematically checking the software for defects by executing it under controlled conditions. The testing phases for full-stack .NET applications include unit testing, integration testing, system testing, performance testing, and user acceptance testing.</p> <p>Debugging is the process of identifying, analyzing, and fixing the defects found during testing. Debugging Best Practices on Visual Studio 2022.</p> <p>Debugging C# Dev Kit for Visual Studio Code on GitHub Codespaces</p> <p>and Visual Code with C# Dev Kit ; it helps me to manage ecosystem01 code with a solution explorer and test code with integrated unit test discovery and execution, elevating your C# development experience wherever you like to develop (Windows, macOS, Linux, and in a GitHub Codespaces). The extension builds on top of the great C# language capabilities provided by the C# extension and enhances your C# environment by adding a set of powerful tools and utilities that integrate natively with VS Code to help C# developers write, debug, and maintain their code faster and with fewer errors. Note: pre-release version 1.11.6 for .net9 NuGet to work is needed.</p>
Cybersecurity Skills	35/4,4		<p>Risto Can lead and/or coordinate and participate in the development of cyber security projects.</p> <p>Can Lead and/or participate in the planning, design, and implementation of cyber security controls, and evaluate and lead the implementation of SIEM.</p> <p>Can Develop cyber security policies, procedures and recommendations.</p> <p>Can work to ensure Cyber Security services are deployed, configured and managed as required.</p> <p>Can develop service related KPI's to support the reporting of the clients Cyber Security posture.</p> <p>Can work with the SOC team as team member open, work, close in daily tickets (ServiceNow).</p>

			<p>Can work as analyst on Microsoft Defender Threat Intelligence (Defender T1) platform to streamline triage, create and manage incident response, carry out threat hunting and vulnerability management duties..</p> <p>Can deploy an Azure Active Directory into domain, deploy Premium license for Defender 1, Azure Sentinel.</p> <p>Can deploy and analyze output of The Microsoft 365 Defender solution for Microsoft Sentinel enables you to ingest Security Alerts/Incidents and raw logs from the products within Microsoft 365 Defender suite into Microsoft Sentinel.</p> <ul style="list-style-type: none"> Based on RiskIQ can do operations on client domains to reduce attack surface when needed.
Project: Lifetime World Coin	5 / 3,2	●	<ul style="list-style-type: none"> Decentralized Identity Foundation <p>Microsoft Entra ID, Microsoft Azure Blockchain on \$LTW. Project Brief Lifetime World Coin</p>
IT Operations management observability, telemetry, incident and problem management, change and configuration management, performance monitoring and optimization (of costs too), capacity planning, resource allocation, security operations, cloud resource management, backup and disaster recovery, log management and analysis, asset management and inventory tracking.	15 /4,0		<p>modern IT Operations Management, focusing on maintaining system reliability, optimizing performance, ensuring security, and supporting business continuity, encompasses a wide range of practices and tools, including:</p> <ol style="list-style-type: none"> 1. Observability and telemetry 2. Incident and problem management 3. Change and configuration management 4. Performance monitoring and optimization 5. Capacity planning and resource allocation 6. Security operations and compliance 7. Automation and orchestration 8. Service level management 9. Infrastructure and cloud management 10. Backup and disaster recovery

			11. Log management and analysis 12. Asset management and inventory tracking.
Data Science with open data sources Machine Learning Reporting	5		Data leaders improve the customer experience with better personalization, deliver deeper insights for strategy and tactical work, and increase client revenue streams. Jupyter Notebook / Jupyter Server Microsoft / AWS / IBM Microsoft Power BI
Business ICT Security	20 / 4,0		Proton end-to-end security
Managing Data Creating Data with Large Language Models LLMs as application component NoSQL Databases Azure Cosmos DB ** Amazon DynamoDB ** Amazon Aurora Azure SQL MySQL MariaDB DB SQL / NOSQL	12 / 4,0		NoSQL Workbench for Amazon DynamoDB Microsoft Storage Explorer OpenSearch enables you to easily ingest, secure, search, aggregate, view, and analyze data. Azure AI Search Deliver high-quality responses with a vector database built for advanced retrieval augmented generation (RAG) and modern search. Amazon OpenSearch
Front-end			
Svelte Native Mobile Development React Native Mobile Development JavaScript HTML CSS, ASP Core.net Blazor Android Studio / Project IDX	1 / 2 ,8 / 2 / 3,0 / 15+ / 3,2 / 2 / 3,0 / 8 / 4,0 /		Svelte Native is a new approach to building mobile applications using NativeScript. Where other JS-Native frameworks like React-Native and NativeScript-Vue do the bulk of their work on the mobile device, Svelte Native shifts that work into a compile step that happens when you build your app. React Native combines the best parts of native development with React, a best-in-class JavaScript library for building user interfaces, supports JSX. Web programming
Node.js npm package manager	8 / 4,0		Node.js is a JavaScript runtime built on Chrome's V8 JavaScript engine.
Designing Applications with AI			Project: Lifetimestudios.eu
Cursor + Anthropic Claude 3.5 + Context7 MCP Server --	1 / 3,0 2 / 4,0		Context7 MCP Server tarjoaa ajantasaistet

<p>Up-to-date code documentation for LLMs and AI code editors</p> <p>Flutter 3 multiplatform UI development Firebase</p>			<p>koodidokumentaatiot LLM:ille ja AI-koodeditoreille. 😊</p>
<p>AWS Deployment AWS Toolkit AWS Cloud Development Kit (AWS CDK) cdk8s CDK for Kubernetes AWS CloudFormation Designer on project dws41</p> <p>Azure Deployment YAML, JSON bicep Aspire</p>	8 / 3,8		<p>The AWS Cloud Development Kit (AWS CDK) is an open-source software development framework to define your cloud application resources (patterns, libraries) using TypeScript, Python, C#, the CDK patterns. Libraries for AWS Cloud Development Kit (AWS CDK), which generates AWS CloudFormation (managing with CF designer) for templates, and CDK for Kubernetes (CDK8s), which generates Kubernetes manifests.</p> <ol style="list-style-type: none"> 1. use preconfigured application components, 2. model application, 3. provisioning app CloudFormation templates. <p>Bicep integrates seamlessly with YAML Pipelines for automated environment provisioning. Bicep simplifies ARM template development, combining the best of YAML and concise syntax</p>
<p>Administering application ecosystem (Lifetime World)</p>	15 / 4,0		<p>Administering lifetime.fi domain on Google Workspace. Administering lifetimeconsulting.eu domain on Microsoft Azure Administering all domains on Proton Business including secure email, proton drive, VPN, Docs, multiple sites management, Qoctane, Wordpress VM.</p>
<p>Modeling & Business Model Development Gliffy, Adobe Cloud, Google Analytics, Google AdSense Atlassian JIRA, Atlassian Confluence, wikis</p>	15 / 4,0		<p>Metropolia.fi (wiki; älykkäät teolliset ratkaisut Google Sites).</p>

<p>Sustainability frameworks Consultancy</p> <p>Industrial Life Cycle Management</p> <p>Systems thinking & ecosystems</p>	2 / 3,3		<p>CSRD, Sustainability into re Exper throug</p>
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AI and Cloud Technologies

Cloud Technologies	years / skills	
IBM Cloud IBM WatsonX (as of Business Partner)	8 / 4,4	Managed Detection and Response (MDR) solutions WatsonX - deploy and embed AI across your business, manage all data sources, and accelerate responsible AI workflows—all on one platform. Foundation Models supported by IBM WatsonX
Amazon Web Services (as of Consulting Partner)	8 / 4,5	Using the information in the table, you can deliver high-quality responses with a vector database built for advanced retrieval augmented generation (RAG) and modern search by leveraging the following skills and technologies: use AI and ML frameworks and services such as IBM Watson, Amazon SageMaker, Azure AI, and open-source tools like MLflow, Kubeflow, ONNX, PyTorch, TensorFlow, Python, and R to build and deploy intelligent solutions that can analyze data, generate natural language, and provide recommendations. Azure AI Search: You can use Azure AI Search to create search solutions that can index, and query structured and unstructured data, and use RAG to retrieve relevant documents and answers from a large corpus of text. Data Science and Reporting: You can use data science and reporting tools such as Jupyter Notebook, Microsoft Power BI, and AWS QuickSight to explore, visualize, and communicate insights from your data, and use RAG to enhance your queries and reports with natural language generation. NoSQL Databases and OpenSearch: use NoSQL databases such as Azure Cosmos DB, Amazon DynamoDB, and Amazon Aurora to store and manage data in a scalable and flexible way, and use OpenSearch to ingest, secure, search, aggregate, view, and analyze the data using RAG and other features.
Microsoft Azure (as of Microsoft ISV) M365 Solution Partner	12+ / 4,9	Microsoft Azure Foundry offers wealth of models. the 0-series for example. M365 Teams offers excellent platform for AI+ Agents, insights, comparison. Sema4.ai is great for Enterprise AI Agents that have complex runbooks. Agentic AI Development, specializing on Agentic AI Analysis and Governance. n8n.io is AI+ platform for managing workflows, similar to Power Automate of M365
Google Cloud (As of Google Partner)	12+ / 4,9	
Proton Business Partner	6 / 4,9	
GitHub Desktop on Ubuntu & Mac GitHub as Development Platform GitHub Projects, GitHub Workspaces, GitHub Actions	9 / 4,8	
Atlassian JIRA (2018-2020) GitHub Projects (as of GitHub Developer)	4 / 4,8	Jira and GitHub Projects are robust platforms for managing software development backlogs and projects, offering customizable workflows, collaboration tools, and issue tracking. They support agile methodologies, facilitate sprint planning, and provide comprehensive project visibility, enabling teams to efficiently plan, track, and deliver high-quality software.
Apple iOS Xcode Developer	7 / 4,0	
Google Android Android Studio	8 / 4,0	
OS platforms, VMs, Container Apps	8 / 4,0	Docker desktop

Google Anthos	2 / 3,0	the Best Multicloud management platform. container orchestration and management service for edge and hybrid cloud.
Apple OS X	7 / 4,4	XCode
Linux Server Images on the cloud Various AMIs and images VMs on AWS Various VMs on Microsoft Azure Microsoft Windows Server IIS	15 / 4,5	Directly build on VMs -The physical deployment of each service requires you to have a set of instances with additional tasks to address required activities such as load balancing. transactions clustering caching messaging data redundancy
microservices architecture	8 / 4,0	.NET Aspire is great for distributed mission-critical applications. In a microservice-based architecture, the application is built on an interoperable collection of services that can be developed, tested, deployed, and versioned independently. Cloud-native solutions on Azure utilize containers, whether Kubernetes (AKS) or Docker in Azure Containers Apps.
Agents Testing and Quality Assurance		
software development lifecycle AI / Agent Engineering	13 / 4,4	Agent Lightning: The absolute trainer to light up AI agents. microsoft.github.io/agent-lightning/ GitHub GitLab is one platform that covers 100% of software development lifecycle with issues, code review, CI, CD, and release cycle analytics wrapped into an elegant UI so you can improve your team's software development AND accelerate your software delivery.
Project Manager, Solutions Architect, Backend Engineer DWS41 Project Montreux	5 / 4,1	Hands-on various projects: dws41 GitHub Enterprise Owner: Lifetime Studios dws41 on GE GitHub Enterprise Member: Winlang
Unit Testing: Microsoft Visual Studio Enterprise	5 / 3	Developer Teams are Available from LCP3 Partners
Continuous delivery with Clean Code: Sonarqube with GitLab		Project: DWS41 Montreux Role: QA Engineer
JMeter	0,2	Clean Code QA Teams are Available from LCP3 Partners
Continuous Inspection and Testing Katalon Studio, Selenium, Appium, Testsigma	5 / 2	Continuous Testing is available from LCP3 Partners

Business Development with Modern Stacks

Enterprise architectures	16/7,0	SOA / Microservices architecture, classic 3- tier architecture, Server based architecture, in the cloud; Monolith architecture, SaaS, PaaS, IaaS, Serverless (with Containerized Functions) architecture.
Implementing Software architecture with AI Software architecture Design	12+/4,8	<p>Seven layers of defense</p> <ol style="list-style-type: none"> 1. Policies, procedures, and employee awareness & soft skills, demographic security. 2. Physical security 3. Perimeter defense 4. Internal network security 5. Host security. 6. Application security 7. Data security <p>Technical architecture design for solution using Serverless approach.</p> <p>Solution architecture design: Serverless solution architecture vs. traditional EC2 based Compute architecture model on AWS.</p> <p>Solution Back-end Architecture on Azure Foundry Open AI Service and AI Services.</p> <p>Project: The Azure AI Hub for DWS on Container Aspire Test Version 03 with o-Series model. Both o3 and o4-mini offer significant improvements on quality and safety while supporting the existing features of o1 and o3-mini and delivering comparable or better performance through its integration and support of the newest APIs and reasoning features. they introduce:</p> <p>Multiple APIs support: Both models are available in Responses API and Chat Completions API with Responses API supporting seamless integration with multiple tools and enhanced transparency with the reasoning summary as part of the model output. Reasoning summary: In the Responses API, both models now support reasoning summary in their output providing more insights into their thinking process. This enhances the explainability and the effectiveness of the resulting actions and tools that leverage the insights for even better outcomes.</p> <p>Multimodality: With enhanced vision analysis capabilities in o3, and new vision support in o4-mini, both models expand their reasoning capabilities to process and analyze visual data, extracting valuable insights and generating comprehensive text outputs. This is supported in both Responses API and Chat Completions API.</p> <p>Full tools support includes parallel tool calling: Both models are first reasoning models with full tools support like the mainline models including parallel tool calling. Customers can use these to build the next generation of agentic solutions. This capability is supported in both Responses API and Chat Completions API.</p>

<p>Amazon Web Services Architecture</p> <p>AWS Route53 AWS Organizations AWS Control Tower</p> <p>EDR / NDR</p> <p>Amazon Mail WordPress Bitnami hardened. VM images</p>	<p>7 / 4,3</p> <p>DNS Management is important for IPR strategy for enterprises. AWS Organizations, AWS Control Tower, AWS Route53 are crucial services when working on AWS Architecture to secure and build growth.</p> <p>Managing and setup of various business services on VMs running on AWS architecture.</p>	<p>Risto Anton is the PO of DWS, is managing the AWS Security, Compliance and Governance at Scale and doing technical work hands-on successfully. https://dws10.com risto.anton@dws10.com Project: Lifetime Group's Admin Project Domain Management Planning Strategic Roadmap for Cloud Services Undertaking strategic reviews, identifying gaps and opportunities within the client organizations.</p> <p>enquiries about the admin of the project: risto.anton@dws10.com onelifetime.world Lessons Learned a ton new wit setup of the dws.com project site at https://dws10.com. The site is managed with Microsoft Azure.</p> <p>Administrating Dws10.com & multiple sites WordPress (21-2022). 6.5.0-1-r01 on Debian 12</p> <ol style="list-style-type: none"> 1. 2MFA solution WordPress 2. Amazon mail/Microsoft Exchange Server as an email service. Managing AWS Organizations, which enables to centrally manage, govern and consolidate all of a client's AWS accounts in the AWS Cloud Tower using (SRA) principles. 3. NDR/EDR on AWS Control Tower
IT Infrastructure Management	Managing developer workstations, Resourcing workloads (containers, VMs, Containerized Apps)	Managing Public & Private Cloud Services and On-Prem workloads (VMs / Containers)
Managing cost effective use of the Generative AI and its Services	Amazon SageMaker, Huggingface Microsoft AI Studio Microsoft Intelligence Studio GitHub Copilot Google Gemini	

Business Intelligence Capabilities and Solutions

<i>Business Roles / business analytics skills</i>	Years / Level (1-5)	<i>Tools</i>
Data Leadership Analytics	12+ / 4,0	SAP Membership: SAP Developer Network since 2001
MSOffice 365 Power Apps	6 / 4,0	Role: PowerApps Consultant Membership: Microsoft Developer Network since 1996
Dynamics 365 for Sales Leader Sales Functions Management Dynamics 365 for Data Analyst evolving customer expectations with "unified customer profile which includes life events,	2 / 4,0	Alan johtava myyntipalveluiden automatisointi, jossa on kontekstisidonnaisia oivalluksia, seuraavan sukupolven tekoälyä ja kehittyntä räätälöintiä.

connections, household, and financial details to have an inclusive view of customer's financial situation" changing business models effective cross-selling		
Business Report Specialist	5 / 4,0	Google Looker Pro on liiketoimintatiedon alusta, Joka tarjoaa Google for Workspace sekä Google Cloud alustoilta tuodulle datalähteille visualisointi ja analytiikkapalveluja. Tuote on erinomainen pilvitiedon analytiikkaan ja nopeaan reagointiin vaativassa raportoinnissa. Looker Pro on sopiva suuremmalle yritykselle, jolla on paljon tietolähteitä useammalta pilveltä tai muusta palvelusta. Projekti: Google Analytics raportti liikenteestä on tuotettu Google Looker sovelluksella (Metropolian rajatulla lisenssillä). Vaihtoehtoiset: Tableau, Microsoft Business Intelligence, Microsoft D365
Data Engineer	10 / 4,4	Cosmos DB OneLake
Data Analytics Specialist	5 / 4,0	Microsoft Fabric provides multiple experiences—data integration, data engineering, data warehousing, data science, real-time analytics, applied observability, and business intelligence—under a single architecture.
Team leader; data science teams Data engineering Data integration Data warehousing Real-time intelligence Data science Business intelligence	5 / 4,0	Microsoft Fabric is an end-to-end analytics platform. Empower your analytics and data science teams by providing a single, <i>unified destination</i> for all kinds of data sets, structured or unstructured. <i>Migrating and unifying</i> datasets from varied on-premises or other cloud systems to the Microsoft Fabric platform for further processing. Consultancy with three-phased approach: 1. Advisory Assessment: Assess current on-premises and cloud data warehouse systems for complexity Microsoft Fabric architecture recommendation along with integrations. 2. Implementation: Data Upload: Upload historical data from on-prem or other sources to Fabric Refactor code: Convert DDL/DML/business logic to Fabric specific code Test: Ensure data reconciliation after migration 3. Run: Recommendations Continuous analysis and reporting Continuous improvements Cost monitoring Benefits: 1. Interoperability: Microsoft Fabric ensures seamless communication between different data and analytics solutions. 2. Faster Migration: Our in-house frameworks and accelerators ensure that we achieve desired outcome in the least possible time. 3. Cost Optimization: Minimize your implementation cost and product cost.
Container based solutions developer		Containers are usable on Cloud Computing. Managing container fleet needs professional that has administrative skills for multiple years.
Docker	12+ / 4,8	Enterprises are increasingly realizing cost savings, solving deployment problems, and improving with AI and production operations by using containers. Docker has become de facto standard locally. Docker Desktop eases development. Docker Hub for migration to cloud. Project:ImageGallery, eShop
Microsoft AKS	4 / 4,0	
Azure Container Apps	2 / 4,0	
Event Driven Architectures		

Amazon EventBridge	6	Amazon EventBridge is a serverless event bus that makes it easier to build event-driven applications at scale using events generated from your applications, integrated software as a service (SaaS) application, and AWS services. EventBridge partner event source integrations enable customers to receive events from over 30 SaaS applications and ingest them into their AWS applications.
AWS API gateway	2	Amazon API Gateway is a fully managed service that makes it easy for developers to create, publish, maintain, monitor, and secure APIs at any scale.
scalable serverless GraphQL APIs	2	
AWS AppSync	2	AWS AppSync is a serverless GraphQL API service that simplifies application development by providing a single endpoint to securely query or update data from multiple data sources, like Amazon DynamoDB and Amazon Aurora RDS.
IBM API gateway	2	
Google API gateway	2	
Cloud services		
Terraform cloud Terraform Registry	4 / 3,0	2022
Role: MS Azure Solutions Architect	6 / 4,0	2022
Role: MS Office 365 Administrator	7 / 4,0	2022
Google Workspace Admin	15	application management user management security policy
Role: Amazon Web Services (AWS) Architect	6 / 4,0	

Solution Sales

Business Sector Knowledge	Experience in years	Last Used in Project / Program
Finance	4	years of company finance process experience. Project CIMS. Technology Entrepreneur 30+ years where have dealt with SME Finance.
Retail	12	IT2022 sopimusehdot YSE2022, EAP2022, laajennettu GDPR
Healthcare	4	
Government	10+	
Telecom	4	
Media	10+	
Energy	5	
Construction	10+	
Process Knowledge		Skills
Finance	5+	
Role: Business Owner (BO): Human Resources Management (Consulting team, developer team)		
BO: IT Security and Administration		<p>Soft Skills are good situational awareness, threat recognition, verbal judo, weak signal analysis, person analysis, AI co-piloting when working on the 'field'.</p> <p>Azure Key Vault ASP.NET Core Secret Manager AWS Key Management Service (AWS KMS) makes it easy for you to create and manage cryptographic keys and control their use across a wide range of AWS services and in your applications. AWS Secrets Manager helps you protect secrets needed to access your applications, services, and IT resources. The service enables you to easily rotate, manage, and retrieve database credentials, API keys, and other secrets throughout their lifecycle.</p>
BO: Solution Sales Skills	15 / 4,0	sales process experience; Insightly CRM, Salesforce, Google Analytics, Squarespace eStore, Paypal, Stripe.
BO: Marketing Skills	15 / 3,2	<p>years of marketing process experience</p> <p>Google Analytics Google AdSense Google AdWords</p>
Teamwork, Networking, Opportunities into leads, closing deals	7	Team leader influencer; 15k LinkedIn followers, 2k twitter followers

Marketing

Managing and executing an Omnichannel Social Strategy	<p>Omnichannel social refers to a customer engagement strategy that leverages various social media platforms and channels to create a unified and consistent customer experience across all touchpoints. This means businesses are present on multiple platforms like Facebook, Instagram, Twitter, YouTube, etc., and ensure a seamless experience for customers regardless of which platform they choose to interact with.</p> <p>Here are the key characteristics of omnichannel social:</p> <p>Consistent branding: Businesses maintain a consistent brand voice, messaging, and visual identity across all social media platforms.</p> <p>Personalized experience: Businesses personalize the customer experience by tailoring content and offers to individual preferences and needs.</p> <p>Seamless interactions: Customers can easily switch between different channels without losing context or having to repeat information.</p> <p>Unified data: Businesses have a unified view of customer data across all social media platforms, which allows them to better understand their customers and target them more effectively.</p> <p>Benefits of omnichannel social:</p> <p>Increased customer engagement: By being present on multiple platforms, businesses can reach a wider audience and increase customer engagement.</p> <p>Improved customer satisfaction: A consistent and personalized experience across all channels leads to higher customer satisfaction.</p> <p>Enhanced brand loyalty: Omnichannel social helps businesses build stronger relationships with their customers, leading to increased brand loyalty.</p> <p>Valuable customer insights: By collecting data from multiple channels, businesses can gain valuable insights into their customers' preferences and behavior.</p>
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Information Security and Product Development

Lifetime Digital Workspace for Intelligent Industries is an award-winning project approved by the European Commission and was first time funded in 2021 for a version 3 from EBAN Business Angel Network. We are building Lifetime World ecosystem and the version 5 now and Participating fundraising events. Project is Microsoft for Founders level 4 project.

<p>Product Development Lifetime Digital Workspace for Intelligent Industries (DWS)</p> <p>European Investment Portal name: Lifetime Digital Workspace Platform (dws10.com) Investor Relations (link)</p> <p>Customer: Industries that aim to transform into sustainable energy in their processes.</p> <p>Internal Customer: Lifetime Group Certified Partners Consortium</p> <p>Time 05/2018- IBM Cloud Machine Learning</p>	<p>Description of Project Achievements:</p> <p>Identiteetinhallinta Azuressa:</p> <p>Microsoft Azure Entra tarjoaa paljon enemmän kuin pelkän kirjautumisen Passkeyn avulla. Se on kokonaisvaltainen identiteetin ja käyttöoikeuksien hallintaratkaisu, joka auttaa organisaatioita hallitsemaan käyttäjätietoja, käyttöoikeuksia ja turvallisuutta monimutkaisissa ympäristöissä. Vaikka passkeyt tarjoavat turvallisen ja salasananottoman kirjautumisen, Azure Entra mahdollistaa muun muassa:</p> <ul style="list-style-type: none"> • Monipilvi- ja paikallisresurssien hallinnan: Se yhdistää käyttäjät pilvipalveluihin ja paikallisiin resursseihin turvallisesti. • Zero Trust -suojausmallin: Azure Entra tukee vähimpien oikeuksien periaatetta ja mahdollisia käyttöoikeuskäytäntöjä. • Käyttäjätietojen elinkaaren hallinnan: Se automatisoi käyttäjätietojen hallintaa ja käyttöoikeuksien valvontaa. • Generatiivisen tekoälyn hyödyntämisen: Microsoft Security Copilotin avulla voidaan tehdä tietoon perustuvia päätöksiä ja parantaa tietoturvaa. <p>Passkeyt ovat yksi osa turvallista kirjautumista, mutta Azure Entra tarjoaa laajemman ratkaisun organisaatioiden identiteetin ja käyttöoikeuksien hallintaan.</p>
<p>DWS 3 on Amazon Web Services</p>	<p>DWS version 3 has attracted EBAN to offer their support for the build phase on AWS.</p> <p>Project has a workable own site https://dws10.com and media services in place.</p> <p>What is the desired outcome?</p> <p>Cloud Platform: Amazon Web Services, Microsoft Azure AD, Linux AMIs Backend Services: Amazon DynamoDB, S3 datalake, AWS Services Frontend Application: Android, iOS MAUI.</p> <p>role: Product Owner responsible for building MVP and fundraising roadmap along with the deck and pitch preparation. Risto Anton has extensive knowledge on European fundraising markets, Business Angels Networks, VCs, Crypto Funding space. Lifetime Group is a member of Metaverse Standards Foundation which is creating momentum and technical capabilities for AR/VR on Metaverse.</p> <p>role: Agile Project Manager responsible as start-up project manager to build everything from product idea into product launch including cost management under Technology Business Management (TBM) is a value-management framework. The TBM taxonomy provides the ability to compare technologies, towers, and solutions to peers and third-party options (e.g., public cloud). Secondly apm delivers a product roadmap for the fundraising initiatives.</p> <p>role: Solution Architect responsible as SRE to deliver everything as promised in-time on-budget.</p>

	<p>role: Developer responsible for creating mobile application mock-up, demo, fundraising demo, alpha, beta etc. versions, MVP, coding, Backoffice, tools stack including cybersecurity and secrets management.</p> <p>Responsibilities:</p> <ul style="list-style-type: none"> ▪ solution architecture for development, testing, production. database design, data Lakehouse design ▪ UI design, mobile application, VR/AR.9 design and implementation of App and its Security. ▪ continuous integration and deployment serverless framework AWS Lambda, CDK
<p>05/2020- Business Partner Microsoft Founders Hub</p>	<p>DWS Version 4 As a Cloud Architect, my role entails designing and implementing secure, scalable, and reliable customer-facing services. This encompasses ensuring business continuity through low-risk Identity & Access Management (IAM), robust observability & monitoring, containerization best practices, and SaaS integration. Additionally, I prioritize comprehensive security measures including Disaster Recovery Planning (DR) and Business Continuity & Disaster Recovery (BCDR) toolsets, guaranteeing maximum service uptime and data protection.</p> <p>As a Cloud Developer, I focus on crafting robust Data pipelines and fostering collaborative teams. I leverage the right tools to create efficient builds aligned with security best practices, utilizing resources like Snyk, Git, and IaC scripts. Whether leading or within a team, I actively explore emerging technologies like PowerApps with its no-code/low-code capabilities, anticipating its significant impact on streamlining workflows and automation in the coming future.</p>
	<p>DWS Version 5 Mission Statement Lifetime World Lifetime Certified Partners Consortium</p> <p>What is the goal of the project Montreux (version 5)?</p>
<p>Project name: CIMS, Lifetime World Coin CMS Administrator Customer: SaaS Time involved: 01/2019 -</p>	<p>Description of project: Crypto Investment Management Studio; Lifetime World Coin LTW Platform: Microsoft Azure Support: Microsoft BizSpark Program Finance: Finnvera, EBAN, Microsoft Tech Stack: Microsoft Azure, Azure SQL, HTML5, C#, Azure Web Apps, HyperLedger Aries. Roles: Product Owner, Developer Responsibilities:</p> <ul style="list-style-type: none"> ▪ managing project teams Lifetime Certified Partners ▪ requirements specifications for CIMS platform ▪ learning blockchain technologies, CIMS Coin Whitepaper. ▪ test planning/ testing. ▪ building the client app <p>CMS Arkkitehtuuriosaaminen</p>

	<p>Olen perustanut useita verkkosivustoja ml. Microsoft Azure , Google Cloud, AWS mm. WordPress, Oqtane . NET -palvelimia ylläpitötoimeen mm. käyttäjähallinta, palvelimen reititys jne. julkisen pilven alustoille.</p> <ul style="list-style-type: none"> ▪ setting up and managing CMS services and sites ▪ Administrering 7 sites done with ▪ Oqtane WORDPRESS SQUARESPACE GOOGLE SITES MICROSOFT SHAREPOINT OQTANE with MS SQL Server (.net8) weblow magnolia <p>Intranet osaamista Sharepoint, Google Sites.</p>
Microsoft AI Services Azure OpenAI Service	<p>OpenAI Service Microsoft AI Studio Microsoft AI Services Microsoft AI Studio Microsoft AI Services M365 Custom AI Agents</p>

Career Highlights

<p>Lifetime Consulting 04/2018 - present</p>	<p>Job Title: Agile Project Manager Main responsibilities:</p> <ul style="list-style-type: none"> ▪ Gantt charts; Gantt App, Microsoft Project. ▪ Project Planning, Project Costs, Project Resourcing. ▪ Project Portfolio ▪ Sprint Audit with agile, kanban, GitHub Actions, JIRA ▪ backlog owner. ▪ Budgeting, Reporting. ▪ Toiminut vastaavassa roolissa Verolla palkka.fi hankkeessa, jossa toimin suunnittelupäällikkönä vastaten * hankkeen kilpailutusvaiheen suorittamisesta. Tarjouspyynnöt ja tarjousvaiheen viestintä. ▪ Sopimukseen ja palvelun järjestämiseen liittyvät hallinnolliset tehtävät, ▪ Projektipäällikkö valmistelee ja johtaa palvelukokonaisuuden seurantaryhmän kokoukset yhteistyössä ohjausryhmän pj. n kanssa. ▪ Toimiminen ensimmäisenä kontaktina tilaajan suuntaan sekä vastuiden jako tiimin kesken (sopimusasiat, tekniset asiat, kehittämisen asiat, kumppaniyhteistyö). ▪ Palvelun organisointi ja kehittäminen; roadmapin luominen ▪ Dokumentaation ajantasaisuudesta huolehtiminen yhteistyössä toimittajan ja SOCin kanssa. ▪ Yhteydenpito ja raportointi tilaajalle; johtoryhmä, ohjausryhmä, muut tilaajatahot?
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	<ul style="list-style-type: none"> ▪ Monitoimittajaympäristön yhteistyön johtaminen ja koordinointi, palaverien veto projektin osalta. ▪ Erillistehtävien koordinointi ja vastuutus sekä resursointi ml. erillisprojektit. ▪ Kehitystehtävien kehitysjonon (backlog) ylläpito ja priorisointi yhdessä tilaajan kanssa. ▪ Poikkeamien raportointi, tarvittaessa reklamointi, sopimusten tarkastelu, aikataulukysymykset, jne. projektin aikana ilmenevät nopeatkin tilanteet esim. sovellusarkkitehtuurista, palveluarkkitehtuurista, järjestelmäarkkitehtuurista, yksittäisistä komponeista johtuvat vikatilanteet sekä niistä toipuminen ja tai uudelleenmäärittelyn veto.
Lifetime Studios 04/2018 – present	Job Title: Cloud Developer Main responsibilities: <ul style="list-style-type: none"> ▪ Writing error-free code, Sprints work ▪ design and implementation of client solutions. ▪ administering all testing and environments blue/green ▪ testing DevSecOps tooling the client solution/ software
Lifetime Studios	Job Title: Cloud Solutions Architect Main responsibilities: <ul style="list-style-type: none"> ▪ Writing error-free IaC code for Solutions ▪ Security of AWS Services ▪ Architectural design and implementation of client solutions ▪ administration of all testing and environments blue/green ▪ Strategy and Roadmap of DevSecOps, AMIs, Subscriptions tooling the client solution/ software. ▪ AWS Control Tower Management for Accounts ▪ Account Manager for client accounts. ▪ Containerization ▪ Team Leader for Projects.
Lifetime Group (Oy) 04/2018 –	Job Title: CEO Main responsibilities: <ul style="list-style-type: none"> ▪ solution sales ▪ workflow with the client consulting assignments, ▪ partnerships and agreements and cooperation with AWS, Microsoft, Google, WithSecure, SSH, Hashicorp GitHub, SaaS vendors (many partnerships).

Appendixes

Liite 1 YAMK tutkinto

Master of Science, Smart Factory Program, Metropolia University of Applied Sciences, Insinööri, YAMK

Year	Course	Grade	Specifications
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2022	Älykkäät teolliset ratkaisut	4 out of 5	edge computing study
2022	Tutkimusmenetelmät ja valmiudet	4 out of 5	Metropolia University of Applied Sciences YAMK (M. Sc)
08/2022	Projektien johtaminen	certification	Metropolia University of Applied Sciences YAMK (M. Sc)
06/2022-10/2022	Reunalaskennan valmiudet ja menetelmät Sovellettu seminaari I	Work done. Whitepaper Presentation	Applied extensive, deep knowledge of areas of building IoT / MQTT ecosystem, fast 5/6G private network, using containerisation on the edge, edge container orchestration, DIDs, use of Artificial Intelligence services on the cloud fe. Computer Vision, prompt flow, Reinforced learning /Machine learning, and serverless framework logic apps. Please ask for a copy of the paper.
08/2022-04/2023	Kyberturvallisuuden valmiudet ja menetelmät, SOC työskentely Sovellettu seminaari II	Whitepaper Presentation	Microsoft Defender, Microsoft PowerApps 2, Microsoft Sentinel, Microsoft Security Center, Microsoft Admin Center, ISO27001, SOC 2 type 2, please ask for a copy of the paper.
08/2024-2/2025	Master Thesis	MAUI Cross-Platform Development using .NET9 Cloud Native microservices Approach on Continuous Application Development (pipeline)	Projects touched Lifetime World, DWS IQ, Lifetime AIQ Solutions, Lifetime AIQ Agents Lifetime H2AIQ Solutions DWS Data Layer with Microsoft Fabric DWS Identity Management Microsoft Entra Administrator
2025	CISSP Certified Information Security Professional		8 ECTS
2025	AWS Architect Certification(s) AWS Cloud Practitioner AWS Cloud Architect AWS Security Specialty		Risto Anton has hands-on experience for three years as global admin on Amazon Web Services, AWS Data Lake and related services, S3, AWS Athena, AWS Lambda, AWS Event Bridge, AWS API Gateway, AWS Architectures, Serverless Containerisation
2025	Certified Project Manager		IPMA Level C Certification

Year	Course	Grade	Specifications
2022	Älykkäät teolliset ratkaisut	4 out of 5	

2022	Tutkimusmenetelmät ja valmiudet	4 out of 5	Metropolia University of Applied Sciences YAMK (M. Sc)
08/2022	Projektien johtaminen	certification	Metropolia University of Applied Sciences YAMK (M. Sc)
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08/2022-04/2023	Kyberturvallisuuden valmiudet ja menetelmät, SOC työskentely Sovellettu seminaari II	Whitepaper Presentation	Microsoft Defender, Microsoft PowerApps 2, Microsoft Sentinel, Microsoft Security Center, Microsoft Admin Center, ISO27001, SOC 2 type 2, please ask for a copy of the paper.
08/2022-12/2025	Master Thesis	Whitepaper Presentation	Writing this with the client project. Also very deep subject work to finalize as PhD ?
2020-	CISSP Certified Information Security Professional		8 ECTS
2020-	AWS Architect Certification(s) AWS Cloud Practitioner AWS Cloud Architect AWS Security Specialty	AWS Data Lake and related services, S3, AWS Athena, AWS Lambda, AWS Event Bridge, AWS API Gateway, AWS Architectures, Serverless Containerisation	Risto Anton has good knowledge of Amazon Web Services, its AI Solutions.
2025	Certified Project Manager		GitHub Copilot Pro Agent HQ, agentic code review, Plan Mode, MCP in VS Code

Reunalaskenta (eng. edge computing) perustuu älykkäisiin päätelaitteisiin, joissa toteutetaan tietojenkäsittelyä. Näitä ovat älypuhelimet sekä erilaiset IoT laitteet, kuten kodinkoneet, jotka keräävät tietoa ja jalostavat sitä "paikan päällä". Useimmiten syötteenä tuotettua (eri päätelaitteista, konenäöstä) dataa analysoidaan ja tallennetaan lähellä sen keräyspistettä. Päätelaitteen hallintaa ollaan siirtämässä kontitettuihin käyttöjärjestelmäympäristöihin näiden laitteiden sekä reunalaskentapalvelujen hallittavuuden lisäämiseksi. Esimerkiksi tämmöisestä kontitetusta reunalaskentaan soveltuvasta käyttöjärjestelmätoteutuksesta on [Red Hat Enterprise Linux CoreOS on \(OpenShift Container Platform\)](#). Tällöin konttien orkestrointi suoritetaan pilvipalveluna Red Hat OpenShift alustalla. Palveluja voidaan toteuttaa OpenShift Serverless tekniikalla, joka perustuu open source Knative project -projektiin. Järjestelmäarkkitehtuurina reunalaskennan toteuttaminen serverless containerisation tekniikoin on kasvava trendi useastakin syystä.

Serverless mahdollistaa palvelujen toteuttamisen ilman virtuaalikonetta pilvipalvelussa. Näin kyetään välttämään viivettä, joka aiheutuu cold start (CS) (tai warm start (WS) mikäli tämäkin liian hidasta) tilanteesta Function as a Service -palvelun käynnistyessä esimerkiksi Amazon Lambda palveluna. Samalla saavutetaan tiedon siirrosta johtuvan viiveen eliminointia. Kontti voi olla warm standby-tilassa, jolloin palveluvaste on nopeampi kuin CS silloin kun heräte saapuu. Kun tarvittava palvelu viedään konttitekniikalla laitteeseen, saadaan laitteen ylläpito ja vikatilanteet paremmin hallituiksi. Hajautetun identiteettihallinnan kautta voidaan rakentaa Point-Of-Presence PoP verkkoja, jossa funktio toteutetaan lähimmässä laitteessa, josta funktio on saatavilla.

Reunalaitteiden serverless konttiratkaisun teknologipinoa valittaessa huomioidaan mm. yrityksen aiemmat arkkitehtuuritavoitteet ja –linjaukset esimerkiksi pilvipalveluiden osalta, sekä onko jo valittu jokin tietty pilvipalvelutoimittaja ja siihen perustuva kehityspolku, vai onko yrityksellä pilviagnostinen monitoimittaja pilvistrategia, erilaisten laitteiden, tiedonsiirron (5G, wirepas, jne), sekä konttien orkestroinnin sekä laitekontituksen järjestelmien kyvykkyudet, ylläpito ja sekä jatkuvan kehittämisen roolit, uusien teknologioiden kypsyyt, liiketoimintamahdollisuudet sekä toteutusten ROE ja ROI kustannustehokkuus laitteiden elinkaaren sekä konttitekniologioiden sekä tiedonsiirron osalta.

Lisäksi on huomioitava ohjelmistoarkkitehtuurit sekä näiden toteutuksen valittu monitoimittajamalli; kuka toteuttaa palveluja, millä teknologiapinolla, sekä miten ja kenen toimesta toteutetaan jatkuva integrointi ja tuotantoonvienti mahdollistaen tuotekehityksen joustavuuden palvelutuotannossa mm. ohjelmoijien ulkoistamisen tai sisäistämisen osalta. Tällöin on asetettava erityistä huomiota esimiesten soft skills taitoihin, henkilöstön kielitaitoon sekä kulttuuriin taitoihin monikulttuurisissa toimittajia, - kumppani, - ja asiakasympäristöissä.

Business Study 2: Information Security Risk Management

A *Security Strategy* defines an organization's overall plan to protect its assets, information, and people from potential threats, aligning security measures with organizational goals and risk tolerance. *Information Security Risk Management* is the continuous process of identifying, assessing, and mitigating threats to ensure the confidentiality, integrity, and availability of your valuable information assets.

Information Security Risk Management - As an example service, we use Microsoft Sentinel. Microsoft Sentinel is a scalable, cloud-native solution that provides security information and event management (SIEM), security orchestration, automation, and response (SOAR). Microsoft Sentinel delivers intelligent security analytics and threat intelligence across the enterprise. With Microsoft Sentinel, you get a single solution for attack detection, threat visibility, proactive hunting, and threat response. Microsoft Sentinel is your bird's-eye view across the enterprise alleviating the stress of increasingly sophisticated attacks, increasing volumes of alerts, and long resolution time frames.

Collect data at cloud scale across all users, devices, applications, and infrastructure, both on-premises and in multiple clouds. Detect previously undetected threats and minimize false positives using Microsoft's analytics and unparalleled threat intelligence. Investigate threats with artificial intelligence, and hunt for suspicious activities at scale, tapping into years of cyber security work at Microsoft. Respond to incidents rapidly with built-in orchestration and automation of common tasks.

Security Leadership - SOC is a team of IT security professionals that protects the organization by monitoring, detecting, analyzing, and investigating cyber threats. including helpdesk ticketing, back-office support outsourcing services i.e., Microsoft Sentinel, special operations teams lead. Team duties are managing technical security questions involving effectively collecting, storing, categorizing, and responding to inquiries that ensure understanding and adherence to security protocols while facilitating problem-solving and knowledge sharing.

Security Policies and Audits: Sentinel employs security policies to define access controls and behavior expectations, while audits track user activity and system health to ensure compliance and identify potential security risks.

Security Programs: Sentinel implements comprehensive security programs encompassing threat detection, incident response, vulnerability management, and compliance measures to safeguard your data and infrastructure.

ICS/ Operations Technology Security - Securing ICS/OT requires a layered approach safeguarding industrial control systems and their data from cyber threats to ensure operational integrity, safety, and resilience.

More upon request:

- *Security Compliance Management and Auditing*
- *ISO/IEC 27001*
- *Continuity Management*
- *ITIL*
- *Quality Assurance*
- *Hybrid Cloud Security including On-Premises Workstation Management,*
- *Server Management*
- *Network Management*
- *Container Security Management*

Business Study 3: Building a Data Pipeline with .NET Aspire on DWS IQ Platform

- By harnessing data insights, companies unlock innovation and gain a competitive edge.
- Data-driven companies innovate faster and secure a competitive advantage in their markets.

When working with Data we need to analyze data sources and build a data pipeline to find solutions to the knowledge needs raised by the client or a product development phase.

Building a complete data pipeline with BigQuery.

1. What is the source of your data?

Is it stored in Cloud Storage, a database, or somewhere else?

2. What is the format of your data?

Is it CSV, JSON, Avro, or something else?

3. What transformations need to be done to the data?

Do you need to clean, filter, or aggregate the data?

4. Where do you want to store the results?

Do you want to keep it in BigQuery, export it to another system, or use it for something else?

5. How often do you need to run the pipeline?

Do you need it to run hourly, daily, weekly, or on another schedule?

6. Do you have any specific performance requirements?

How many terabytes of data do you expect to process, and how quickly do you need the results?

7. How do you want to present your data and to whom?

To truly unlock the hidden potential of your data, turning insights into customer action through engaging visualizations (using Power BI Pro, Omnichannel Sockets.).

Once we have answers to these questions, it is possible to design a data pipeline and an omnichannel presentation that meets client business case specific needs. Additionally, depending on your level of technical expertise, you may need further assistance with:

Choosing the right tools: There are tools available for building data pipelines with BigQuery, such as Cloud Functions, Cloud Composer, and Dataflow.

Writing the code: Depending on the complexity of your pipeline, you may need help writing the code to extract, transform, and load your data.

Scheduling and monitoring your pipeline: Once your pipeline is built, you can schedule it to run automatically and monitor its performance.

A List of 248 Skills as Verbs

achieving	constructing	enforcing	improvising
acting	controlling	establishing	increasing
adapting	coordinating	estimating	influencing
addressing	coping	evaluating	informing
administering	counseling	examining	initiating
advising	creating	expanding	innovating
analyzing	dancing	experimenting	inspecting
anticipating	deciding	explaining	inspiring
arbitrating	defining	expressing	installing
arranging	delivering	extracting	instituting
ascertaining	designing	filing	instructing
assembling	detailing	financing	integrating
assessing	detecting	fixing	interpreting
attaining	determining	following	interviewing
auditing	developing	formulating	intuiting
budgeting	devising	founding	inventing
building	diagnosing	gathering	inventorying
calculating	digging	generating	investigating
charting	directing	getting giving	judging
checking	discovering	guiding	keeping
classifying	dispensing	handling having	leading
coaching	displaying	responsibility	learning
collecting	disproving	heading helping	lecturing
communicating	dissecting	hypothesizing	lifting
compiling	distributing	identifying	listening
completing	diverting	illustrating	logging
composing	dramatizing	imagining	maintaining
computing	drawing	implementing	making
conceptualizing	driving editing	improving	managing
conducting	eliminating		manipulating
conserving	empathizing		mediating
consolidating			meeting

continued ►

memorizing	programming	restoring	teaching
mentoring	projecting	retrieving	team building
modeling	promoting	reviewing	telling
monitoring	proofreading	risking	tending
motivating	protecting	scheduling	testing
navigating	providing	selecting	training
negotiating	proving	selling	transcribing
observing	publicizing	sensing	translating
obtaining	purchasing	separating	traveling
offering	questioning	serving	treating
operating	raising reading	setting up	troubleshooting
ordering	realizing	sewing	tutoring
organizing	reasoning	shaping	typing
originating	receiving	sharing	umpiring
overseeing	recommending	showing	understanding
painting	reconciling	singing	understudying
perceiving	recording	sketching	undertaking
performing	recruiting	solving	unifying
persuading	reducing referring	sorting	uniting
photographing	rehabilitating	speaking	upgrading
piloting planning	relating	studying	using
playing	remembering	summarizing	utilizing
predicting	rendering repairing	supervising	verbalizing
preparing	reporting	supplying	washing
prescribing	representing	symbolizing	weighing
presenting	researching	synergizing	winning
printing problem	resolving	synthesizing	working
solving	responding	systematizing	writing
processing		taking instructions	
producing		talking	