Päärni, *Risto Anton*

Helsinki, Finland

Summary

My name is Risto Anton Päärni, M.Sc./B.Sc. engineer focusing on AWS project
Lifetime Digital Workspace for Intelligent Industries (dws), an InvestEU approved, EBAN funded project
at the moment.

I was chosen to participate in the Smart Factory Program at Metropolia Applied Science University to deliver improved insights along with higher quality Research & Development in the areas of conversational AI, Edge, 5&6G, Machine Learning, copiloting solutions builds with Artificial Intelligence into customer projects. My Research interests are edge, cloud and its security especially Post-Quantum, building sustainable ESG Smart Factory solutions and applications and managing their containerised CICD fleets.

As a professional, I offer three hats to your team, namely agile Scrum Project Manager, Cloud Solutions Architect, and Cloud Developer (C++/C#, React, Svelte,Node.JS, Python, Docker, GitHub Actions CICD).

As CEO of Lifetime Group my backlog of duties include solution sales, consultative sales approach, business development, funding, innovation and brand management, leading the team and projects, seeing over the operations of the company, HR, marketing, management accounting, and nurturing client and partner relationships.

Risto Anton has public cloud experience for more than 10+ years. He is an experienced solutions architect with deep knowledge of customer business cases on apps services on AWS, Microsoft Azure, Google Cloud, IBM Cloud and with technologies like Kubernetes (k8s) hybrid cloud fleet and app services.

Risto Anton has expertise in data architecture design, cloud native based services design and business model based service modeling, APIs, integration solutions and NoSQL / SQL databases. As security practitioner he is the Administrator of Lifetime Group 5 domains solving and managing their hands-on daily security and growth and CX issues.

Education

- Program älykäs teollisuus ko, YAMK, Metropolia, 2022-2024.

- Master of Industrial Management, DI, Technology Entrepreneurship, LUT,2005-2007.

- Bachelor of Software Engineering, insinööri,1991.
  Metropolia, 1991. ICT Project Manager datanomi, Amiedu, 2017-2018.

- JYET, Leadership Program, BusinessCollege, 2019-2020.

- Matriculation examination, Myyrmäen lukio, 1983-1985.

Certifications

- AWS Architect Associate 2022. AWS Practitioner 2020.
- Foundation Certificate for Security, CISSP, 2022
- Level C Certified Project Management Professional, IPMA (International Project Management Association), 2022-2023.
- Microsoft Azure Academy, Microsoft Academy,Saranen. 2017-2018.
- Microsoft BizSpark 2015-2017. Building with Xamarin.

Risto Anton's Skills

Competence Area	Experience In years / last used 2022	Projects and available solutions
Leading the consultative solution sales	15	in the year of 2022, Lifetime Group operates on the hybrid cloud environment delivering solutions and development projects on IBM Cloud, IBM Watson, Atlassian, Terraform Cloud, GitHub Actions, Amazon Web Services, Microsoft Azure, Google Cloud, SAFe, kokonaisketterä, DevOps, OpenShift, k8s, containers, Docker Professional Dev Environments.
Project, productivity and collaboration management	15	Currently my primary tasks: ● Solution sales include preparation of solution and defining its scope, preparing business case and case studies, writing project plan, creating and monitoring Key Milestones & approach, delivering budget and later tracking and managing and reporting deviances, creating project charter, reporting status and further building tracking KMs.
Communication, teamwork and soft skills	English Finnish Swedish	excellent collaboration skills As Senior engineer, my soft skills enable me to fit in at a workplace including my 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. Risto has ethically strong thinking and fairly international manners.
Business development / innovation management	15	1. Which Region are you targeting? Scandinavia Finland, Sweden, and Norway. 2. Which Industries do you focus on? Smart Solutions Engineering is an emerging practice to increase business value in many

		industries including automotive, energy..the trend is ongoing data transformation into Hybrid Cloud environments and improving security and business value.
		3. Which Title/Job Designation would you like to reach? Decision makers that are key to our sales targets; CEOs/CIOs/POs/Architects/PMs
Process development (eg. Lean)	10	2022 Lifetime Group builds value with continuous delivery/ solutions for the hybrid cloud. We are your Copilots on AWS, IBM Cloud, Google Cloud, Microsoft Azure, Terraform Cloud, and with GitOps Business Development. We digitally copilot, move and transform your business to the next level.
Agile organization / SAFe / kokonaisketterä.fi GitHub Projects JIRA	10	An agile organization is a human-centric organization that responds and adapts quickly to changes in the marketplace or environment. The agile organization focuses on satisfying its customer's needs through continuous delivery of increasingly valuable solutions (not only products) to its customers. An agile organization delivers solutions to customer gaps that are identified but not yet solved.
Design thinking and Service Design	5	2022
Administer and Manage Cloud and On-Prem AWS Control Tower EDR / NDR The Falcon Security Platform powered with Crowdstrike	7	Risto Anton is the Owner of Lifetime Group, CEO is managing the AWS Security, Compliance and Governance at Scale and doing technical work hands-on successfully. Lessons Learned a ton of new while setup of the dws project site at https://dws10.com .The site is managed with Amazon Route 53, which is a reliable, cost-effective way to route end users to Internet applications along with deployment of the Amazon Work mail with multiple user accounts on AWS IAM and their mailboxes. WordPress virtual machine site on AWS is Bitnami hardened image built risto.anton@dws10.com , He is managing multiple AWS Organizations, where NDR/EDR are done with AWS Control Tower, .. on these 5 domains.. Keep on Rockin' !
Continuous Delivery Software development		Your Go-To Copilots of Innovations and Solutions made of Hybrid Cloud/AI/ML/GitOps/Data-Driven/Automation/ Containers
C Application Development with traditional C / C++ / C# languages Microsoft Visual Studio 2022 64-bit with CMake 3.23.2 and GCC 7.3.0 on Windows 11 Pro 22000.795 Visual Studio Code 1.69.2	15	primary tasks with my developer hat include: ● Coding .NET ● Debugging Code ● Building ● Testing functionality ● Continuous delivery ● AWS Toolkit 1.45.0

Ubuntu 20.04.4 LTS (GNU/Linux 5.10.102.1-microsoft-standard-WSL2 x86_64) WSL2		- SAM CLI, version 1.53.0 - Azure Functions - AWS Step Functions // Azure Logic Apps - Docker Dev Environment - npm 8.11.0 - aws cdk JSON TypeScript
Technical architecture or solution architecture design	10	2022 Terraform provides the foundation for cloud infrastructure automation using infrastructure as code for provisioning and compliance in the cloud operating model with AWS. HashiCorp Terraform Enterprise provides infrastructure automation with infrastructure as code for provisioning, compliance, and management of any infrastructure-public cloud, private data centers, and services. Infrastructure as code allows operators to provision and manage infrastructure the same way application developers build applications. Terraform Cloud Highlights 1. Manage risks with a central point for compliance & management. 2. Reduce costs by eliminating overspending on idle, orphaned, and over-sized resources. 3. Increase productivity with a single workflow with 200+ unique infrastructure providers.
.NET 6 Multi-platform App development UI with a cross-platform framework for creating mobile and desktop apps with **C# 10 and XAML**. with .NET MAUI developing native apps that run on Android, iOS, iPadOS, macOS, Tizen, Windows from a single shared codebase on GitHub. https://github.com/dotnet/maui	3	https://github.com/bitfighter/bitfighter - Visual Studio 2022 Community - Ubuntu on WSL2 Windows Subsystem for Linux - Docker - Git - Terraform - Gitlab - Shell Scripting
Database design NoSQL Workbench for Amazon DynamoDB ORM architecture Microsoft StorageExplorer	7	Design a testing strategy Create detailed designs for a solution
Build and version management on GitHub and Microsoft DevOps	3	2022 Design a testing strategy Create detailed designs for a solution
Configuration management IaC Terraform Cloud Managed Kubernetes AWS CDK		2022
Agile cicd for github actions -> Azure		2022
API Design / gateway management		2022
Managing Hybrid Cloud CI/CD Container fleet on K8s and TerraForm Cloud	3	Docker Desktop is used for building applications - CI/CD - k8s - TerraForm
AWS	7	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 • Production Kubernetes Services • Azure Pipelines CI/CD
Microsoft Azure Developer	7	• Compute: Azure IaaS with Virtual Machines Linux/Windows Docker managing machines. PaaS managed machines. • Running on 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
Google Cloud	7	2022
Test automation Snyk Developer Security GitHub Copilot	3	2022
Testing and Debugging on Visual Studio Code Docker Test Environments Build / Shared Containers Dapr 1.8.0 Linux CLI / Runtime is a portable, event-driven runtime that makes it easy for any developer to build resilient, stateless and stateful applications that run on the cloud and edge and embraces the diversity of languages and developer frameworks. Leveraging the benefits of a sidecar architecture, Dapr helps you tackle the challenges that come with building microservices and keeps your code platform agnostic. linux dev environment	7	2022
Performance testing	5	2022
Security testing Cybersecurity	5	2022
IT Infra Skills		
IT Operations management Prometheus	7	2022
Data Science	5	2022
Ict security, continuous delivery Terraform	15	2022
NoSQL Databases DynamoDB, Aurora, SQL MySQL, MariaDb	15	2022
Cloud Coding Skills		
HTML / CSS / JavaScript	15	2022
TypeScript AWS Lambda Power Tools for TypeScript is an open-source developer library to incorporate Well-Architected Serverless best practices into your Lambda function code.	7	2022
Svelte Native Mobile Development	5	Svelte Native Mobile development framework "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 Mobile Development		Instead of using techniques like virtual DOM diffing, Svelte writes code that surgically updates the native view widgets when the state of your app changes." React Native combines the best parts of native development with React, a best-in-class JavaScript library for building user interfaces, supports JSX.
Node.js v16.16.0-x64.msi NPM	**8**	Node.js is a JavaScript runtime built on Chrome's V8 JavaScript engine.
C, C++, C#	*15*	Microsoft Windows Terminal 1.14.1963.0 PowerShell Administrator 7.2.5
Golang	1	2022
.NET SDK	7	2022
AWS Toolkit AWS Cloud Development Kit (AWS CDK) cdk8s CDK for Kubernetes (TS constructs) cdktf for Terraform (TS constructs) AWS CloudFormation YAML, JSON	7	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#. Libraries for AWS Cloud Development Kit (AWS CDK), which generates AWS CloudFormation templates, CDK for Terraform (CDKtf), which generates HashiCorp Terraform configuration files, and CDK for Kubernetes (CDK8s), which generates Kubernetes manifests. 1. use preconfigured application components 2. model my application 3. provision my application with AWS CloudFormation templates.
Google Workspace Admin / GCE	10	2022
Python scripting / Jyputer Notebook	7	2022
Modeling / Business Model Development	15	2022
Product platform Skills		
Apache Spark 3.x / many	2	2022
IBM products Watson (Business Partner)	2	Managed Detection and Response (MDR) solutions
Amazon Web Services (Consulting Partner)	5	2022
DB SQL / NOSQL, OpenSearch	7	NoSQL Workbench for Amazon DynamoDB Microsoft StorageExplorer
Ms Azure Architect	7	2022
Azure DevOps	5	2022
VMWare Tanzu Community, Bitnami virtual machines	3	2022
Software development project and lifecycle mgmt		
Git on Ubuntu / Mac / GitHub Development	3	2022
GitLab CE 15.2.0 / GitHub Projects	2	GitLab Community Edition platform 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 to accelerate software delivery.
Atlassian JIRA / Confluence	4	2022
Mobile platforms		
Apple iOS	7	2022
Google Android	7	2022
OS platforms		
Apple OS X	6	2022
Linux Server / AMIs	15	2022
Windows Server /AMIs	15	2022
Testing tools		
DevSecOps	4	2022
Microsoft DevOps	5	2022
Sonarqube	0,2	

JMeter	0,2	
Jenkins	0,2	2020
Software products		
SAP	6	2022
MSOffice 365 Power Apps	6	2022
Container technologies		
Docker	6	2022
Kubernetes Management Platforms: Tanzu, Rancher	4	2022
API platforms		
Azure API gateway	6	2022
AWS API gateway	6	2022
IBM API gateway	6	2022
Google API gateway	6	2022
Cloud services		
Terraform cloud	4	2022
MS Azure Solutions Architect	6	2022
MS Office 365 Admin	7	2022
Google Workspace Admin	15	2022
Amazon Web Services (AWS) Architect Associate	6	2022
Business Sector Knowledge	**Experience in years**	**Last Used in Project / Program**
Insurance		
Finance	**4**	2022
Retail	12	
Healthcare	4	
Government	6	
Telecom	4	
Media	12	
Energy	*4*	
Building Construction		
Process Knowledge		
Finance	10+ years of company finance process experience	
Human Resources	10+ years of consulting team lead experience	
IT Security and Admínistration	15+ years of IT Administration process experience	
Software Engineering	15+ years of experience	
Sales	10+ years of sales process experience CRM, Salesforce	
Marketing	10+ years of marketing process experience Google	
Teamwork	15+ Team leader and member in	

	various businesses and industries	

Project experience

Lifetime Digital Workspace for Intelligent Industries is an award winning project approved by the European Commission found here.

Project name: Lifetime Digital Workspace for Intelligent Industries **Customer:** Lifetime Group Certified Partners Consortium **Time involved:** 05/2018 - present	**Description of project:** What is the goal of the project Montreux (version 4)? What has been achieved so far? What is the desired outcome? **Platform:** AWS, Microsoft Azure AD, Linux AMIs **Backend Services: DynamoDB, S3 datalake, see specs A.** **Frontend Services: Android, iOS, Metaverse** **AWS Services: See Appendix A.** **Own role(s): Project Manager, Cloud Solutions Architect, Developer** **Responsibilities:** • solution architecture for development, testing, production. • database design, data lakehouse design • UI design, mobile application, VR/AR • design and implementation of DevOps and its Security • continuous integration and deployment
Project name: CIMS **Customer:** EBAN **Time involved:** 08/2015 -	**Description of project:** CIMS **Platform:** Microsoft Azure **Software:** HTML5, C# MS SQL Server, IIS **Own role:** Project Manager **Responsibilities:** • managing project team of 5 specialists • requirements specifications • test planning, testing

Career history

Lifetime Consulting 04/2018 - present	**Job Title:** Agile Project Manager **Main responsibilities**: • Project Planning, Project Costs, Project Resourcing. • Project Portfolio • Sprint Audit with agile, kanban, GitHub Actions, JIRA • backlog owner • Budgeting, Reporting
Lifetime Studios 04/2018 – present	**Job Title:** Cloud Developer **Main responsibilities**: • 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 Architect **Main responsibilities**: ▪ 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 Oy 04/2018 –	**Job Title:** CEO **Main responsibilities**: ▪ client consulting, contracting, sales. ▪ Administering site content for multiple customer services. ▪ Coding ▪ Managing Cloud environments and services. ▪ Security

Language skills

Finnish	Native speaker
English	Fluent in project work and remote environments
Swedish	Good Tjänstemans Språkprov
German	Basics
C#, Go, Node.JS, python, GitOps	Fluent

Smart Factory YAMK in Metropolia

Year	Course	Grade	Training provider
2022	Älykkäät teolliset ratkaisut	4 out of 5	Metropolia YAMK tutkinto
2022	Tutkimusmenetelmät ja valmiudet	4 out of 5	Metropolia YAMK
09/2022	Projektien johtaminen		Metropolia YAMK
10/2022	Sovellettu seminaari I	Reunalaskennan valmiudet ja menetelmät	Metropolia YAMK
10/2022-04/2023	Sovellettu seminaari II	Kyberturvallisuuden valmiudet ja menetelmät	Metropolia YAMK
04/2023-12/23	Insinöörityö		Metropolia YAMK
2022	CISSP Certified Information Security Professional	8 ECTS	Metropolia YAMK
2022	AWS Architect Certification		Amazon Web Services
2022	Certified Project Manager		IPMA

My AI Voice Interview (Answers updated)

What are you looking for in your next job?

As a Data Architect I want to analyze data sources and analyze data to find great solutions to the customer issues raised that they are facing in their business. To show customers data in appealing form is important, whether we use Tableau, Office 365, or other client tools.

As a Cloud Architect the building of new services for customer needs is important. Securing business continuity Identity Access Management, Monitoring, Containerization, SaaSes. Then there is security, Disaster Recovery Planning (DR), for example Business Continuity and Disaster Recovery with Amazon S3.

As Cloud Developer Building solid DevOps pipelines and teams associated with the right tooling and effective builds that follow secure policies like Snyk tooling, Git, Among others. IaC Scripts. I may lead a team or be a team member.

Tell me about a time you had to deliver on multiple competing priorities. What did you do, and what were the results?

When there are multiple competing priorities, first, me and my team must prioritize and sort out which top three solutions and answers we need to solve urgently for the client.

and then I want to make a critical road map for those following priorities for the company to prioritize project portfolio and to meet the goals that our customer has set for us.

You're putting together a presentation for a client using several data visualizations. What steps would you take in your final review of the presentation to make sure the information is clearly communicated?

In the presentation my team would state the problem first. then we would state the solution if available. Third, we would pinpoint the steps needed from the customer and from our side to reach a Go/No Go decision to deliver the solution to the customer problem.

How can a subquery help aggregate data?

Subqueries are not generally allowed in aggregate functions. Instead, move the aggregate inside the subquery in SQL.

When do you try to push through and solve a problem on your own, and when do you involve others on your team?

I evaluate our team members. under capabilities along with my own capabilities the see which combination gives the best answer to solving the problem.