

# RISTO ANTON PÄÄRNI

Cloud Developer / Solutions Architect / Project Manager

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<https://www.linkedin.com/in/ristoanton> <https://github.com/blogtheristo>

## SUMMARY

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My engineering goal is to solve real enterprise customer problems using Containers, Cloud Computing, AI, machine learning, agile, CI/CD DevOps stack. My engineering focus areas are in project above expectations, Full-Stack development, Containers management end-to-end, building dws platform using multi-cloud AWS, Azure, IBM Cloud, Cloud Run. The project includes Android/Xcode mobile app, VR integration, AI incl. deep learning and Computer Vision Object Detection, Segmentation, Image Captioning and Object Tracking, Ethereum 2 /solidity payments.

Project Montreux Build of dws is Cloud Native platform, is created with Serverless First Design principles, is built as a set of resilient distributed applications and their functions that are loosely coupled microservices and architecture patterns that are developed and executed on multiple cloud platforms (Partners, Customers; on premises, Microsoft Azure, AWS, IBM Cloud, and so on).

DWS has a microservices based technology stack that runs serverless on AWS. DWS is based on infra as code containerisation. DWS uses mostly managed services (AWS Lambda, Amazon ECS on AWS Fargate, RDS, DynamoDB, API Gateway, AppSync, CloudFront, Opensearch, Kinesis, Cognito, AWS CloudFormation etc.). dws business architecture development is on JIRA/Confluence/GitHub.

Project Montreux applications are written in various coding languages (Python, Go, JavaScript, YAML, JSON, Solidity) which are managed with Dapr. Dapr is focused on helping developers in our certified partners core teams to build distributed applications, and it does not replace Service Mesh. Both Dapr and service meshes use the sidecar pattern and run alongside the application.

Project Montreux has Event Driven Architecture that uses APIs as front door for our modular services , containerization for Purpose-Build DBs, Automated build and deploy pipeline.



## EXPERIENCE

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### Full-Stack engineer

#### Lifetime Group

May 2018 – Ongoing

Full-time, Finland

Lifetime Group is based in Finland. We offer consultancy. Our dws 4 product tech team contributing are freelancers from all over the World.

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### Cloud Solutions engineer

#### Nebula

September 2017 – April 2018

Intern, Helsinki

Worked as Microsoft Azure cloud engineer solving project duties and writing project plans. At the same time Microsoft Cloud Academy studies.

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### Startup entrepreneur

#### Lifetime Oy Ltd.

August 2015 -

Full-time, Helsinki

The company's first start-up was a Microsoft BizSpark member with an idea of CIMS chosen to 100 top ideas at various competitions.

Our main products are consultancy with four roles and SaaS platform DWS.

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### Achievements

Blog: [Lifetime Scope Journal](#), editor-in-chief

Site Administrator: <https://lifetime.fi/>, many

Product Owner: [dws](#) PM: Project Montreux

White Paper: Cloud Sourcing And delivery.

Book: Konsultin käsikirja

Book: Winning in the Crowd race.

## EDUCATION

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### Master of Computer Applications

**Lappeenranta University Of Technology** January

2005 – August 2007 Master Degree, Industrial

Management Department Lappeenranta, Finland.

### Bachelor of Computer Engineering

**Metropolia (EVTOL)**

September 1987 – May 1991 Espoo, Finland.

### ICT Project Manager, datanomi

**Amiedu**

September 2017 – August 2018 Helsinki, Finland.

### Johtamisen ja yritysjohdamisen EAT

**Business College**

September 2019 – January 2021 Helsinki, Finland.

### Cloud Solutions Architect

**Microsoft Academy**

September 2017 – May 2018 Helsinki, Finland.

## MOOCS

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### Reinforcement Learning Specialization

**Coursera**

Nov 2019 – Ongoing

The Reinforcement Learning Specialization consists of 4 courses exploring the power of adaptive learning systems and artificial intelligence (AI). Harnessing the full potential of artificial intelligence requires adaptive learning systems. Learn how Reinforcement Learning (RL) solutions help solve real-world problems through trial-and-error interaction by implementing a complete RL solution from beginning to end.

### Deep Learning Specialization

**Coursera**

Oct 2018 – June 2019

deeplearning.ai

In five courses, I learned the foundations of Deep Learning, understand how to build neural networks, and learn how to lead successful machine learning projects. Studies and hands-on Convolutional networks IBM Watson.

### Python for Everybody Specialization

**Coursera**

Oct 2018 – Jan 2019

University of Michigan

This Specialization builds on the success of the Python for Everybody course and will introduce fundamental programming concepts including data structures, networked application program interfaces, and databases, using the Python programming language. In the Capstone Project, you'll use the technologies learned throughout the Specialization to design and create your own applications for data retrieval, processing, and visualization.

## PROJECTS

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### Lifetime DWS platform

•Lifetime™ Cloud Sourcing and delivery

### Project Montreux Build PP

### BUSINESS Benefits and features

Boost Performance Scale Out, Scale Up with Application acceleration Time-to-Market.

- | Service Design 3rd party support
- | EU, US, Asia Market Support
- | Custom App Development Service
- | Managed Services support Service
- | Process Optimization as a Service
- | Demand prediction engineering

### MAIN Platform FEATURES

Cognitive virtual decisioning platform.

- | Situation Room
- | Cloud Core Teams
- | Digital Workforce Automation. Automated Work Tooling experience TX

| Industrial Cloud AIoT. Intelligent Automation Scripts. Infrastructure as Code Support.  
| enterprise ecosystem APIs.  
| Innovation Studio.  
| SaaS DevOps Centre.  
| 3rd Party Services.  
| Certified Partner Consulting.  
| Freelancers and cloud developers, project managers, cloud solution architect, cloud advisory.  
| Quantum Computing API Integration support.  
Advanced Analytics Services  
| Container Management integration  
| Cloud Security | Cloud delivery | Cloud sourcing.  
| Data Security. Data-Driven Services Model.  
| Smart Contract Payments | dApp. | Metaverse integration.  
| Digital Workforce integration. Save Money  
Multi-Cloud Optimization. Artificial Intelligence Solutions. Neural Networks. Natural Language Processing NLP. Chatbot support.  
[Github link.](#)

## Contributes on github to various projects

### Emotion Detection

- This research project of my team aims to classify the emotion on a person's face into one of seven categories, using deep convolutional neural networks. This repository is an implementation of this research paper. The model is trained on the FER2013 dataset which was published at the International Conference on Machine Learning (ICML). This dataset consists of 35887 grayscale, 48x48 sized face images with seven emotions - angry, disgusted, fearful, happy, neutral, sad and surprised.

### Project Calico

- Calico is an open source networking and network security solution for containers, virtual machines, and native host-based workloads.

Calico supports multiple data planes, so you can choose the technologies that best suit your needs, including: a state-of-the-art pure Linux eBPF dataplane, a standard Linux networking dataplane, and a Windows HNS dataplane.

### Predict Future of Sales

- We have to predict the future sales using Machine Learning or Deep Learning. It is a Advanced Regression Problem where Statistics and time series analysis is also required
- Its data is taken by daily historical sales data. The task is to forecast the total amount of products sold in every shop for the test set. Where we create a robust model that can handle such situations is part of the challenge.

### TensorFlow in Practice Specialization

#### Coursera

March 2019 – July 2019

deeplearn.ai

In this four-course Specialization, I explored exciting opportunities for AI applications. Begin by developing an understanding of how to build and train neural networks. Improve a network's performance using convolutions as you train it to identify real-world images. I taught machines to understand, analyze, and respond to human speech with natural language processing systems. Learn to process text, represent sentences as vectors, and input data to a neural network.

### Data Science Specialization

#### Coursera

Nov 2017 – Oct 2018

Johns Hopkins University

This Specialization covers the concepts and tools I use throughout the entire data science pipeline, from asking the right kinds of questions to making inferences and publishing results. In the final Capstone Project, I used to apply the skills learned by building a data product using real-world data.

## SKILLS

### Hard Skills

Containersation, Kubernetes, AWS, Microsoft Azure, Deep Learning, Machine Learning, Image Processing, Computer Vision, IBM Watson

### Programming Languages & Databases

C, C++, Python, SQL, Java Script, CSS, Powershell, CLI, DynamoDB NoSQL, YAML

### Frameworks & Libraries

Numpy, Pandas, Matplotlib, Scikit-learn, NLTK, Tensorflow, Keras, OpenCV, PyTorch, Pillow, Flask, Rasa Stack

### Soft Skills

experience in leading a consulting team, daily agile thinking, Kanban daily, Critical Path based problem solving skills, Good Communicator, international Eng, Swe, Ger, Fin languages, Creative Thinker, Business Model creation, Business Development, Good communication and interpersonal skills basketball coach, 15,000 contacts on LinkedIn.

## Contract details

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**Microsoft azure: 6 years, DevOps 3 years,**

**CICD: 3 years**

**Powershell: 4 years**

**IT IS/Infrastructure Platforms (Win 10 desktops, Win Servers) : 10+ years**

**Contract Price: 60-90 euros per hour excl. VAT 24%.**

**= 8h Day including VAT: \_\_\_\_ euros**

**Kindly notice: Travelling costs weekly to another country is not included in the Contract Price.**

**We charge for the flying tickets, taxi, and allowance fee that depends on the country as they occur. Travel Costs are billed monthly.**

**Contract is billed bi-weekly when the contract agreed is less than 3 months. Yearly contracts are preferred.**

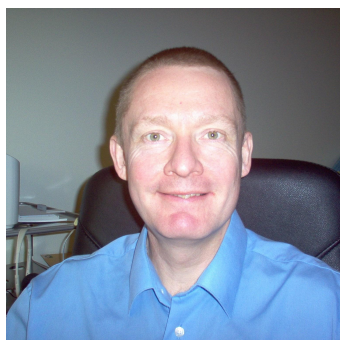
**Visa: EU Citizen, Finnish Passport.**

**Notice: 1 week**

**Nationality: A Finnish citizen.**

**Interviews: Yes, please.**

**offers in pipeline: one contact per day, at least.**



Risto Anton Päärni

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[Risto Anton - Helsinki, Southern Finland, Finland | Professional Profile](#)

### Senior Consultant | Cloud AI Solutions Architect | Senior Technical Project Manager

#### Relevant Career milestones

- Risto Anton specializes in AI and Cloud solutions development as an architect using agile devops tooling.
- Risto Anton is project manager for Lifetime DWS3 project available on AWS.
- He is passionate about building software for example mobility and developing new business.

#### Specialities

- Working knowledge with Python, Pandas, Numpy, C#, Jupyter, JavaScript, HTML, GitHub, Docker, k8s
- Working knowledge with Watson AI, Watson Discovery, Watson Studio, Anaconda Navigator.
- Practitioner in AI / Machine learning on Cloud AWS, Azure, GCP, IBM Cloud and their solutions.

#### Focus Areas

- Running continuous projects at Lifetime Group and delivering business solutions.
- GitOps on AWS/Azure, agility, developer/ architecting on k8s/container platform.

#### Relevant Skills

- 20+ years in Software development, web development, business development positions
- aws developer / azure devops aws serverless solutions architect associate level
- Outstanding problem solving skills and analytical mind-set.

#### Career milestones and Achievements

**2018- Lifetime Group** Project Manager, Cloud Architect, Senior Consultant

**2017-2018 Nebula Oy** Cloud Solutions engineer, Microsoft Azure

**2016-2017 Lifetime Oy** Senior Consultant, G Suite, Atlassian JIRA, Google Cloud engineer

**2015-2017 Lifetime Studios** Team Lead, Microsoft BizSpark, Azure DevOps

**1991-2014** Industrial, Government, various ICT Project Manager, Consultant, Developer Roles

#### Education and relevant courses

**MS Master of Science, Diploma Industrial Management Engineering**

Lappeenranta University of Technology, Major Technology Entrepreneurship, International Marketing

**BS Bachelor of Science, Software Engineering**

Metropolia University, ohjelmistotekniikan suuntautumisvaihtoehto (EVTEK).

**ICT Project manager Diploma, datanomi | Cloud Solutions Architect**, Microsoft Academy.2018.

**JET Business College.** Open leadership Program. Johtamisen erikoisammattitutkinto. 2020.

**Coursera IBM Applied Science Certification.** 2019.

#### Skills

English, Excellent, Swedish, Fluent, German, Basics. APIs, AWS, AI, Business Intelligence, Business Process Management, CLI, CSS, Data, DevOps, Docker, Git, JavaScript, JIRA, Kubernetes, ML, Microsoft Azure, MySQL, NumPy, OpenCV, Pandas, agile Project Manager, Problem Solving, Product Lifecycle Management, Python, Software Development, Software engineering, SQL, Visual Studio, Web Application Development.

## Motivational letter

**Risto Anton Päärne** considers himself a highly business-intuitive and perceptive individual with a genuine curiosity to lead and mentor his team and to work with other people. He loves building lasting relationships.

He is founder of Lifetime Certified Partners Consortium, and business owner of Lifetime Group. He is product owner of dws SaaS platform. The project is developed under AWS and it includes CI/CD pipeline blue/green build. We use Serverless AWS Lambda and EFS, DynamoDB. Work is ongoing. Fundraising is ongoing.

Risto Anton is a highly motivated IT Professional who is capable of leading work as Agile Solutions Architect. He can motivate others while executing and leading company objectives. He has extensive experience with the Group's agile project portfolio management (lifetime.atlassian.net), open leadership and business process development, creating partnerships, lead the product lifecycle management, sales pipeline and its customer relationship and engagement management CX, analyzing and leading data driven based on market-based business intelligence.

With his team he can deliver solutions in a hybrid cloud computing architecture. He is author of several books including Consultant's handbook which is a managerial tool for new consultants onboarding.

**Risto's** greatest attributes are his enthusiasm, empathy to help others yet goal-oriented mindset, ability to connect with the right people when necessary and proven above expectations dedication of leading a project to its completion. He strives to surround himself with successful individuals that challenge him to learn, grow and deliver his best every day.

He works best in a complex multi-process environment bringing in his team's intuitive growth focused crystal-clear business vision followed by solid project prioritization and execution. His work role is friendly, realistic and action oriented with a laid-back attitude.

**Availability:** 1 week from contract remote, 2 weeks on-site.

**Travel:** Yes.

**Relocation:** Yes.

**Allocation:** 100%.

**Personal:** Professional with a can-do attitude. No smoking, no alcohol, Ev. Lut Christian.

**Preferred Location:** EU, Nordics, Finland, Helsinki

**Hobbies:** Running, Gym, Marathoner, Guitar playing, music.

Risto Anton Päärni is available

1. Cloud Solutions Architect / Project Manager / Senior Consultant / Business Development
  - a. Data engineer for AWS, IBM Cloud, Google Cloud, IBM Watson Services, OpenCV, IBM Cloud Paks, AWS, Microsoft Azure AD, Google Bigquery, Kubernetes Terraform Docker, AWS DevOps | CI/CD, Serverless, Python, Javascript, CLI.
2. Developer/Senior Developer/QA Roles/ AI DevOps Android Studio | data flows and pipelines, APIs, databases and platform integrations.
  - a. SQL, C#, Python, JavaScript, CSS, HTML, Git, MySQL, Microsoft Azure DevOps
3. Agile Project Manager; Product Data Management, , Project Lead
4. Smart Contract / ethereum
5. AI / Streaming Data related
6. JIRA Administrator, Scrum, Coaching.
7. Available for projects Amazon Web Services Certified, Microsoft Azure DevOps practitioner, IBM AI Certified, Google Certification, cdk IaC, Microsoft Azure DevOps
8. Solutions Architect, Product Owner on JIRA, SAFe, DevOps.
9. Pre Sales work
10. 1991-2011 IT Specialist, IT Project Manager, in major corporations, government
11. 2011- G Suite, Google Cloud, BigQuery, Big Data, AI prediction service.
12. 2015- Microsoft BizSpark Partner, Microsoft Solution Architect, (Saranen 2018).
13. 2017- IBM Cloud Pak for Data Developer, Android Developer, Swift
14. 2019- IBM Watson Developer, AI / ML.
15. 2020- Lifetime Certified Partners Consortium, aws ready team
16. 2020- Lifetime Digital Workspace 3 platform.
17. white paper: Secure Managed Sourcing Business Model.
18. AI. agile SAFe/JIRA/Kaizen/Open Leadership, Business Process Transformation, Industry 4.0.
19. The business concept has been taken well with major corporations. Project is using multicloud and MongoDB and Serverless. IBM Watson is used for AI.
  - 2017-2018, Microsoft Cloud Academy, Cloud Solutions Track. 70-533, 70-535.
  - 2017-2018, certificate ICT Cloud Project Manager, datanomi, Amiedu.
  - 2018- entrepreneur, Lifetime Oy is IBM Business Partner, Google Cloud Advantage Partner, Microsoft ., aws Partner Network.
  - 2020-2021, JET Leadership Program (business college 2021).
  - Lifetime Group operates on multicloud with IBM Cloud, IBM Watson, agile Atlassian JIRA, GitHub, Tempo Planner, Tempo TimeSheets, Slack, Office 365 Business, G Suite Business, Squarespace.
  - Working knowledge as Administrator (IAM, classic cloud) with these aws, Azure, GCP, SAFe, DevOps, GitHub, Atlassian Suite, RedHat, k8, containers, Docker, IBM Cloud Pak for Data.
  - Admin Linux RedHat Developer Shell/Bash/PowerShell/VSCoDe. Microservices multicloud Red Hat OpenShift | IBM Cloud Pak for Data | Developer Android Studio.
  - Agile Project Management Software Atlassian
  - GitHub GitOps
  - Project Communication on Twitter, Atlassian, Slack, Project documentation; Project Staffing; finding the right people for customer projects.
  - Product Management; product strategy / go-to-market strategy / roadmap / pricing Project Team Leadership assignments / analysing
  - Program Management / Co Innovation / Co-creation
  - Time Management / Critical Path / backlog management
  - Project Management Office (PMO) coordination.
  - @blogtheristo at GitHub | Telegram | Twitter | Bitbucket | bitcointalk | StackOverFlow.