# Jari Timonen

Lead Cloud Architect · Google Developer Expert, Google Cloud

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Cloud architect with 25 years in software, the last ten leading cloud architecture for enterprise clients. I design systems and stay on as the technical lead while they get built. Google Cloud most days, with a long AWS background and Azure alongside. Current focus: production agentic AI that is predictable, secure and affordable.

## EXPERIENCE

**Codento Oy** · Lead Cloud Architect — Sep 2021 – present

- Oversee the architecture of 2–4 client projects at a time and own the platform standards our engineers build to.
- Take multi-agent AI systems on Google Cloud from prototype into production, with the focus on reliability, running cost and handover to operations.
- Fastems Factory Cockpit: designed the Azure platform that connects CNC automation on the factory floor to cloud services, from scratch. Technical lead for a team of 6 developers, and built the CI/CD, DevOps setup and data processing myself.
- Design high-volume data ingestion into cloud platforms for analytics and BI.

**Cargotec** · Chief Software Architect — Mar 2019 – Aug 2021

- Owned the architecture and technology selection of a group-wide industrial IoT platform on AWS, built by 30 developers and used across several business units.
- Set the technical standards the product teams built on, and added Google Cloud for data ingestion and BI.
- Took part in roadmap and investment decisions as a member of the digital unit's leadership team.

**Gofore** · Software Architect — Aug 2015 – Mar 2019

- Designed cloud and integration solutions, many for media companies, and started working with AWS.
- Coached delivery teams and trained software architects.

**Elisa Oyj** · Service Architect, earlier Senior Software Engineer — Sep 2009 – Jul 2015

- Built and later designed self-service and order management systems for business customers, keeping the product catalogue, provisioning and billing in agreement. Service architect from 2012.

**Endero Oy** · Software Designer — Apr 2001 – Sep 2009

- Developed web and integration systems, many for financial institutions, with authentication, data protection and audit requirements built in from the start.

## SKILLS

Cloud architecture (Google Cloud, AWS, Azure) · Agentic AI · Software architecture · Software development and programming · Industrial IoT and edge devices · Data ingestion, analytics and BI · CI/CD and DevOps · Technical leadership and coaching

## CERTIFICATIONS

**Google Cloud:** Professional Cloud Architect, Professional Cloud Developer, Professional Data Engineer

**AWS Certified:** Solutions Architect – Professional, Solutions Architect – Associate, Developer – Associate

**Earlier:** Oracle Certified Master, Java EE 5 Enterprise Architect · Sun Certified Programmer for the Java 2 Platform, Standard Edition 5 · Sun Certified Developer for the Java 2 Platform

## RECOGNITION

Google Developer Expert, Google Cloud · Champion Innovator, Hybrid Multi-Cloud · Packt technical reviewer · Open source contributor, Drools Guvnor

## OWN PROJECTS

**OhmLens** (ohmlens.com): free electronics course with live circuit simulations

**Solmu**: secure IoT gateway board with ESP32-C6 and ATECC608B, being open sourced

**Vahti** and **Suvanto**: multi-agent systems running on Cloud Run

## EDUCATION AND LANGUAGES

Datanome (Business IT), Valkeakoski, 2002 · Social Psychology studies, Helsinki Open University, 2007

Finnish (native) · English (fluent) · Swedish (limited working)