# Thyago Ponzoni

Senior Solutions Architect

## Summary

Solutions Architect with 25 years' experience across cloud architecture, integration and platform engineering, working with organisations in logistics, telecommunications, finance and government. I deliver confidently across both AWS and Azure, with deep hands-on experience in Kubernetes, containerisation and event-driven architecture.

I have led the design of event-driven microservices architectures, hybrid and cloud-native platforms, APIs and integration patterns across large-scale distributed systems, including PCI-DSS compliant workloads and IoT platforms processing high transaction volumes. My work consistently combines security and governance with practical delivery, from platform risk registers to identity and access management.

I bring strong stakeholder engagement experience, working directly with technical teams, business owners and executive stakeholders to align architecture decisions with business outcomes. I also have a proven track record of mentoring engineering teams and lifting technical practices across organisations.

## Domains, Skills & Industries

### Domains

- Integration architecture & API design
- Cloud & hybrid platforms
- Security, identity & risk management
- Solution architecture & governance
- Container platforms & DevSecOps

### Skills

- Event driven and microservices architecture design, using domain driven design and the C4 model
- API-led connectivity patterns and RESTful API design, including asynchronous and message based integration (Event Hubs, Event Bridge, Service Bus, RabbitMQ)
- Container platforms and orchestration (Azure Kubernetes Service, Amazon EKS, Docker, Kubernetes, GitOps via ArgoCD)
- Cloud platform architecture and migration across Azure and AWS, including hybrid cloud integration
- Identity and access management, AuthZ, API security and PCI-DSS compliant architecture
- Architecture and platform risk management, security architecture reviews and design by security practices
- Architecture governance, design authority and technical assurance across delivery teams
- Stakeholder engagement across business, technical and executive audiences

### Industries

- Logistics & supply chain
- Telecommunications
- Banking & financial services
- Government & public sector

## Professional History

**Rhenus Logistics Germany**
**Nov 2024 - Apr 2026**
Lead Cloud Architect

- Led migration of a monolithic on-premises platform to an event-driven microservices architecture on Azure, using AKS, Azure Functions, Cosmos DB and Event Hubs.
- Owned the Architecture and Platform Risk Register, engaging stakeholders regularly to improve security posture and reduce systemic risk.
- Introduced Entra ID managed identities and federation for platform identity management and ArgoCD for GitOps-based delivery automation.
- Replaced Azure Application Insights and Log Analytics with AKS-hosted Grafana, Prometheus, Loki, Alloy and Tempo reducing observability costs by around 80%.
- Applied domain driven design and the C4 model (via Structurizr DSL) to align business domains with system architecture across teams.

**Amdocs**
**Jan 2023 - Apr 2024**
Cloud Solutions Lead, Adoption & Platforms

- Led the Cloud Adoption & Platforms stream, developing solution roadmaps and release strategies for enterprise transformation programmes across telco and financial services clients.
- Designed and delivered solutions on AWS and Azure, building cloud foundations and operating models that integrated policy, security and governance standards.
- Delivered a Kubernetes bootstrapping and GitOps automation framework for scalable platform provisioning.
- Guided C-level stakeholders on modernisation roadmaps and cloud operating models across global engagements.

**Datacom**
**Sep 2021 - Jan 2023**
Senior Solutions Architect & Practice Lead

- Promoted to Cloud Practice Lead within six months, leading a 30-person team delivering cloud projects across Australia and New Zealand.
- Designed and delivered disaster recovery and business continuity strategies on AWS and Azure for clients in banking, emergency services and IoT.
- Supported Westpac's real time payment readiness through architectural design reviews and changes for financial processing.
- Directed stakeholder engagement using stakeholder maps and RASCI matrices to improve delivery transparency across public and private sector clients.

**Visa**
**Jul 2019 - Sep 2021**
Senior Solutions Architect

- Architected and delivered hybrid and cloud native PCI-DSS compliant workloads for Visa's Spend Clarity Enterprise platform.
- Led decomposition of a monolithic application into modular, domain-driven microservices.
- Designed a serverless document processing solution using API Gateway, Lambda, S3, SNS, SQS, Textract and Google Vision API, reducing platform operating costs from $700,000 to $50,000 annually.

- Performed AWS Well-Architected Reviews and used API-led connectivity patterns to design hybrid cloud systems.
- Championed AWS adoption across 24 teams as part of a 19 member architecture practice.

**Coretex (an EROAD company)**
**Sep 2014 - Jul 2019**
Solutions Architect

- Led design and delivery of real time IoT platforms for fleet management and regulatory compliance, including NZTA's electronic road user charging system and FMCSA's electronic logging device requirements for the US and Canada.
- Architected telematics platforms supporting high transaction volumes from distributed IoT devices, using SOA, microservices and MongoDB.
- Built B2B integrations and system APIs using SOA, RESTful services and web APIs, alongside Azure Service Bus and containerised workloads.
- Consulted directly with CTO, engineering leadership and product owners to align architecture with business and compliance requirements.

Prior roles documented on my technical biography web site: ponzoni.net/#experience

## Education and Training

### Qualification

- Systems Analysis and Development - UNIBAN
- Technical qualification, Data Processing - Colegio Doutor Bernardino de Campos

### Languages

- English
- German
- Portuguese
- Spanish

### Certifications

- AI Practitioner
- Solutions Architect
- SysOps Administrator
- Security Specialty
- Database Specialty
- Developer
- Cloud Practitioner

## Contact

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