



IAKOV GAN

CHIEF SOLUTIONS
ARCHITECT
IN CLOUD AND AI

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Paris, France

PROFILE

25 years in technology. DevOps and infrastructure leadership at Ingenico, five years at AWS, now advising Microsoft's largest enterprise customers on cloud and AI adoption.

AI transformation at enterprise scale. Fluent on Azure and AWS.

LINKS

- iakovgan.com
- linkedin.com/in/iakovgan
- github.com/iakov-gan

SKILLS

- People management and agile coaching
- Product management and backlog ownership
- Enterprise & solution architecture
- Azure & AWS architecture
- AI / GenAI adoption
- FinOps and cloud cost optimization
- DevOps, CI/CD, platform engineering
- Security, compliance, PCI DSS

I help the world's largest enterprises adopt cloud and AI. I have also run the engineering that delivers it: twenty-five years of DevOps, infrastructure and AI leadership, teams of up to 70, and regulated payment platforms I was accountable for at three in the morning. My work sits between technology strategy and the P&L. I set multi-year architecture direction, make resiliency and security choices a business can defend to its regulator, and put cost ownership with the teams that generate it. What I deliver is the operating model an organisation runs on after the migration is finished.

EXPERIENCE

Chief Solutions Architect in Cloud and AI

MICROSOFT · FRANCE · MAR 2026 – PRESENT

- Advise Microsoft's largest enterprise customers on cloud and AI adoption strategy, working with CTO and CIO stakeholders to align platform decisions with business outcomes.
- Shape multi-year target architectures and migration roadmaps: landing zones, identity, network topology and governance guardrails.
- Design multi-region architectures for resiliency: failover strategy, RPO/RTO targets and tested disaster recovery.
- Drive operational excellence: observability, incident readiness, capacity planning and production readiness reviews.
- Embed FinOps practice so cost accountability sits with the teams that own the workloads.

Senior Cloud Optimization Solution Architect

AMAZON WEB SERVICES · FRANCE · JAN 2025 – MAR 2026

- Led cloud optimization and enterprise architecture engagements across Fortune 100 companies and high-growth startups.
- Enabled technology partners to embed AWS optimization practices, accelerating their go-to-market.
- Delivered keynotes at industry and technical conferences on cloud modernization and FinOps.
- Built reference architectures and best-practice frameworks adopted by customers and partners.
- Hands-on across data warehousing, ETL pipelines and GenAI/ML workloads.

Senior Technical Account Manager

AMAZON WEB SERVICES · FRANCE · FEB 2021 – JAN 2025

- Led a team of 8 engineers building the Cloud Intelligence Dashboards (CUDOS), now in tens of thousands of customer deployments and one of the most-used FinOps tools per the FinOps Foundation survey.
- Principal technical advisor to AWS's largest French customer and several CAC40 / Fortune 100 accounts.
- Delivered 200+ architecture and process reviews and 100+ cost-management consultations, collectively saving customers millions of dollars.
- Extended the dashboards across AWS, Azure and GCP, giving enterprises unified financial, operational, security and compliance insight.
- Guest speaker at AWS Summit Paris; technical sessions at AWS re:Invent.
- Awards: TAM of the Year · Golden Member, Technical Field Community "Cloud Operations" · Top Performing TAM.

- Python, C++, Go

CERTIFICATIONS

- AZ-305 · Azure Solutions Architect Expert
- AZ-104 · Azure Administrator Associate
- AI-103 · Azure AI Apps & Agents Developer
- GH-600 · GitHub Agentic AI Developer
- GH-300 · GitHub Copilot
- AWS Solutions Architect – Professional
- AWS Security – Specialty
- AWS SysOps Administrator – Associate
- FinOps Certified Practitioner

EDUCATION

MSc, Computational Optics
ITMO, St Petersburg, 2002

LANGUAGES

English · French

Infrastructure Product Owner

INGENICO GROUP · FRANCE · JAN 2019 – JAN 2021

- Owned the backlog and prioritisation for a geographically distributed team of 70.
- Led a global datacenter consolidation programme across the Group.
- Built a self-service hybrid-cloud PaaS with an advanced automation stack, plus a catalog of shared on-premise services.
- Assessed infrastructure solutions for architectural integrity and PCI DSS compliance.

Head of Web Operations (Web, Big Data)

INGENICO GROUP · FRANCE · JAN 2017 – JAN 2019

- Led PCI DSS-compliant web operations, a team of 12 supporting 8 application teams.
- Deployed a large-scale Hadoop data lake for secure transaction processing for major international clients.
- Implemented DDoS protection across public-facing web applications.
- Introduced Kanban for operational support and backlog management.

DevOps Team Senior Manager

INGENICO GROUP · FRANCE · JAN 2016 – JAN 2017

- Led 7 DevOps engineers delivering payment and web applications into a high-demand production environment.
- Raised release cadence from 2 per year to 2 per month.

Project Manager / Continuous Delivery Architect

INGENICO GROUP · FRANCE · DEC 2015 – JAN 2016

- Designed and built an on-request iso-production test platform service in the internal datacenter.
- Automated the full platform lifecycle (VMs, VIPs, F5, A10, firewall, Postgres, Oracle) as Configuration-as-Code.
- Cut platform delivery from 2–4 weeks to 0.5 man-days.

EARLIER

Integration Engineer

INGENICO GROUP · FRANCE · JAN 2013 – JAN 2015

Coordinated development, QA, release management, operations and infrastructure teams to hold deliverable quality across the deployment flow.

QA Engineer

INGENICO GROUP · FRANCE · JAN 2011 – JAN 2013

Pioneered automation of test suites, improving efficiency and coverage across the testing lifecycle.

Embedded Software Developer

INGENICO GROUP · FRANCE · JAN 2010 – JAN 2011

Developed a remote-control tool for Ingenico payment terminals to streamline test automation.

Team Lead & Software Developer

STATE OPTICAL INSTITUTE · RUSSIA · 2001 – 2009

Led a development team of 5. Engineered integrated hardware and software for optical interferometry control systems.