

# Gjergj Sheldija

Technology Executive | Engineering Leadership & MedTech Strategy

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## EXECUTIVE SUMMARY

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Strategic technology leader with 20+ years of experience bridging high-velocity cloud-native engineering and complex healthcare regulation. Expert in architecting "Compliance as Code" and transforming technical infrastructure into a competitive market moat that drives enterprise valuation. Proven track record in reducing operational overhead (35% OpEx reduction), scaling engineering cultures, and navigating national-scale digital transformations.

## PROFESSIONAL EXPERIENCE

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### RAYLYTIC

Leipzig, Germany

*Strategic Technology Leader / Principal Architect*

2021 – Present

- **P&L & Infrastructure Optimization:** Orchestrated a cloud-native FinOps initiative that reduced annual cloud OpEx by 35% while significantly increasing system reliability.
- **Organizational Transformation:** Re-engineered the core architecture of legacy applications into a FHIR-standardized microservices ecosystem, reducing technical debt and accelerating time-to-market.
- **Regulatory Governance:** Direct cross-functional engineering and compliance teams to ensure 100% alignment with ISO 13485 and MDR standards, serving as the technical bridge to the Board.
- **Data Strategy:** Architected an end-to-end BI and Edge AI pipeline enabling clinical inference directly within secure hospital networks.

### Clinomic

Aachen, Germany

*System Architect / Strategic Infrastructure*

2024

- **Operational Velocity:** Engineered a next-generation reporting engine that compressed deployment cycles from days to hours, drastically improving data availability for critical care.
- **Future-Proofing:** Championed the transition to FHIR SDC, eliminating legacy data silos and creating a unified foundation for cross-platform interoperability.
- **Technical Governance:** Led the reduction of systemic technical debt via modular design patterns to ensure maintainability during rapid growth.

### UNICEF

Albania

*Lead Information Technology Specialist (National Initiative)*

2017 – 2018

- **National Strategy:** Designed the architectural blueprint for the nationwide digitization of birth records, connecting maternity hospitals to state health registries.
- **Strategic Governance:** Drafted Technical Terms of Reference (ToR) for the Ministry of Health, providing the roadmap for national platform procurement.

## STRATEGIC EXPERTISE

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**Executive Leadership:** Strategic Planning, Stakeholder Management, Change Management, Org Design.

**Business of Technology:** Capital Allocation (FinOps), M&A Technical Due Diligence, P&L Optimization.

**Healthcare Ecosystems:** FHIR, HL7 v2/v3, MDR/GDPR Compliance, ISO 13485/27001, IHE Profiles.

## EDUCATION & CERTIFICATIONS

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**Bachelor's degree, Computer Science** | Universiteti i Shkodrës 'Luigj Gurakuqi'

**Certs:** Health Informatics on FHIR, Health Information Exchange Certified Developer.