Vasilis Aivalis

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EXECUTIVE PROFILE

Engineering and Technology Executive with 20+ years of experience spanning enterprise architecture, technology strategy, digital transformation, cloud-native platforms, and large-scale software delivery across fintech, regulated industries, and high-growth environments. Proven leader of globally distributed engineering and QA teams, with expertise in defining technology roadmaps, modernising legacy platforms, governing complex distributed systems, and delivering scalable, resilient, and compliant solutions. Combines strong architectural depth and delivery discipline with executive-level stakeholder management and accountability for operations, budgets, vendors, and technology strategy.

CORE COMPETENCIES

Enterprise Architecture and Technology Strategy, Technology and Business Transformation, Architecture and Technology Roadmaps, Architecture Governance, Cloud-Native and Distributed Platform Architecture (Azure / AWS), Enterprise Integration & API Architecture, Application & Data Platforms, Engineering & Delivery Leadership, Globally Distributed Team Management (30+ Engineers), Polyglot Engineering Oversight (.NET, Java, Python), Applied AI and LLM Solution Prototyping, Legacy Modernisation and Refactoring, Agile, SDLC, CI/CD & DevOps Governance, Microservices & Distributed Systems, Security, Risk & Regulatory Compliance, Operational Resilience, High Availability & Disaster Recovery, Executive Stakeholder & Board Engagement, Technology Investment, Budget and Vendor Management, Hiring, Capability Building and Team Development

PROFESSIONAL EXPERIENCE

Technical Director & Enterprise Architect | P3 Group *Mar 2022 – Present*

P3 Group is an international IT & management consulting firm headquartered in Germany. (Expanded executive scope from Apr 2025 as Managing Director, Greece, alongside continued technology and engineering leadership.)

- Lead and scale 30+ engineers across software, QA, and architecture, setting engineering strategy, goals, delivery standards, timelines, and objectives across front-end and back-end teams.
- Oversee three domain delivery teams on distinct stacks. .NET for an energy logistics platform, Java for EV charging, and Python for software-defined vehicle (SDV) , ensuring architectural consistency, code quality, and delivery alignment across technologies and client domains.
- Own engineering strategy, technology roadmaps, and platform architecture, translating business and client priorities into scalable, resilient, and maintainable technology solutions.
- Lead engineering delivery across complex enterprise and regulated environments, balancing technical quality, delivery predictability, team capability, and long-term platform evolution.
- Govern cloud-native distributed platforms on Azure, with focus on scalability, resilience, maintainability, security, and operational continuity.
- Drive legacy modernization, refactoring, and re-platforming, reducing technical debt and improving system performance, maintainability, and architectural quality.
- Drive the design and development of AI proofs of concept across an LLM-powered support chatbot, analytics, and document intelligence, built on Azure (Azure OpenAI, Azure AI Search, ASP.NET Core, Python) , from use-case framing and architecture through working prototype and production roadmap.
- Establish engineering standards, Agile SDLC, CI/CD, DevOps, and release governance practices across delivery teams.
- Lead engineering hiring, onboarding, and capability development, while coordinating integrations, tooling, vendors, and third-party technology partners.
- From Apr 2025, additionally serve as Managing Director, Greece, with responsibility for business operations, P&L, budgeting, strategic growth, and delivery excellence, providing executive exposure across clients, partners, and group leadership.

Chief Information Officer | Tikun Europe *Jun 2019 – Feb 2022*

Licensed pharmaceutical company specialising in medical cannabis products.

- Led digital transformation of ERP, production, compliance, and data platforms across EU operations.
- Ensured 24/7 operational reliability of business-critical systems and infrastructure.
- Achieved compliance with successful regulatory audits and inspections.

- Managed a multi-million-euro IT budget, vendor ecosystem, and strategic technology investments.
- Partnered with Legal and Compliance to establish governance and regulatory frameworks.
- *Additional group responsibility:* Group CIO for affiliated investment entities

CTO / Team Lead / Senior Engineer | Holic *Nov 2017 – Jun 2019 (FT); Aug 2024 (Consulting)*

Enterprise-grade cryptocurrency mining services provider.

- Leaded end-to-end technical operations of a global cloud-based platform supporting 20,000+ connected devices with real-time telemetry.
- Architected highly available systems with failover, disaster recovery, and operational resilience.
- Managed globally dispersed engineering teams across installations, maintenance, and support.
- Ensured performance, audit readiness, and financial-controls compliance.

Team Lead / Senior Software Engineer | Skufler *Mar 2015 – Jun 2019*

Social music platform connecting venues, DJs, and audiences - real-time, consumer-facing entertainment.

- Led a cross-functional team of 9 engineers across backend, frontend, mobile, and QA.
- Delivered end-to-end product development, including an asynchronous song-fingerprinting and identification platform.
- Designed and delivered a scalable search engine with full-text indexing.

Senior Software Engineer | ZuluTrade *Feb 2009 – Mar 2015*

Global social trading and investment platform.

- Built and scaled customer-facing fintech platforms supporting global trading in performance-sensitive, regulated environments.
- Designed high-availability backend systems, trading automation, secure APIs, and data-driven financial tooling.
- Led DevOps, release cycles, monitoring, and scalability for mission-critical trading infrastructure.

EARLIER CAREER

- Billing Application Specialist - Atos Origin (Telecom Division) | Apr 2008 – Feb 2009
- Software Engineer - Siemens / Nokia Siemens Networks | Sept 2005 – Apr 2008
- Software Engineer - Atos Origin (Athens 2004 Olympic Games) | Feb 2004 – Oct 2004

EDUCATION

- **MBA, Master of Business Administration** - Hellenic Open University (2014–2017)
- **MSc, Computer Systems Design** - UMIST, University of Manchester (2002–2003)
- **BSc (Hons), Computer Science** - Coventry University (1998–2002)

TECHNOLOGY EXPERTISE

Cloud & Platforms: Azure (primary), AWS (familiar), Azure Functions, Azure Container Apps, Distributed Systems, High-Availability Architectures

Containers & IaC: Docker, Terraform, Bicep, Infrastructure as Code

Languages & Frameworks: C#, .NET / .NET Core, ASP.NET Core, Entity Framework Core, WPF, Java, Python, JavaScript, React, Electron, C/C++

Software Engineering: Object-Oriented Design, SOLID, Design Patterns, Clean / Layered Architecture, Domain-Driven Design, Event-Driven Architecture, Asynchronous & Concurrent Programming, Multi-tenant SaaS Design, Unit & Integration Testing, Code Review, Performance Profiling & Optimisation

AI & Data Intelligence: Azure OpenAI, LLM Integration & Prompt Engineering, LLM Agent / Orchestration Patterns, Azure AI Search, Document Intelligence, Analytics

Data & Infrastructure: SQL Server, PostgreSQL, MySQL, Azure Cosmos DB, Redis, Apache Solr

DevOps & Operations: CI/CD, Ansible, Nginx, Monitoring & Observability

Other: REST APIs, Microservices, Real-time Systems, SignalR, Background Processing (Hangfire), IoT Platforms, Linux/Unix, Shell Scripting

LANGUAGES

Greek - Native English - Full Professional Proficiency