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# Ilias Sioutis

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## Professional Summary

Senior **Software Project Manager / Solutions Architect** delivering **AI-powered digital health platforms** and **regulated software systems**. Lead **end-to-end SDLC** across iOS/Android, cloud services, and integrations, with ownership of **Bluetooth medical device integrations**, **on-device AI (rPPG/camera-based vitals)**, and **GDPR-aligned security** (TLS, application-layer AES-256, RBAC).

Led a **hospital-supervised clinical validation at Athens Hospital (Hygeia Group) (Feb 6 – Mar 6, 2025; 27 participants; 6 Bluetooth devices)** supporting **Apple App Store Guideline 1.4.1**, authoring a **~250-page evidence dossier** and building **Python statistical analysis** (ICC, Bland–Altman, MAD, Agreement %).

## Core Skills

- Software Project Management (End-to-End SDLC)
- Digital Health & AI-powered Platforms (Telemedicine)
- Regulated Environments (GDPR, Privacy, Security, Validation)
- Clinical Validation & Evidence Generation (Apple Guideline 1.4.1)
- On-device AI (rPPG, camera-based vitals)
- Bluetooth Medical Device Integration
- Azure Cloud & Integration Architectures
- Cross-functional & Vendor Management
- Requirements, SIT/UAT, Release Governance

## Professional Experience

### Telematic Medical Applications — Software Project Manager

Oct 2024 – Present | Athens, Greece (On-site)

- Led end-to-end delivery of **two mobile healthcare apps (iOS + Android)** integrating **on-device AI (rPPG/contactless vitals, stress assessment)** and a secure cloud-backed ecosystem.
- Managed outsourced delivery across front-end/back-end/QA; owned scope, planning, execution, quality gates, and release readiness.
- Owned **Bluetooth medical device integration** end-to-end (**6 devices**: BP, SpO<sub>2</sub>/PR, thermometer, scale, ECG/HR, multiparameter biomarkers), ensuring interoperability and accurate capture/display.
- Directed a **hospital-supervised clinical validation** (Feb–Mar 2025; 27 participants) and authored a **~250-page evidence dossier** aligned to **Apple Guideline 1.4.1**; built reproducible **Python** outputs (ICC, Bland–Altman bias + 95% LOA, MAD, Agreement %) from traceable Excel datasets.
- Implemented GDPR-aligned controls (**EU/EEA hosting, TLS, application-layer AES-256 at rest, RBAC**) and authored iOS/Android **Terms & Privacy Policies**; delivered supporting services (teleconsultations/chat, e-commerce purchase flows, ticketing/support workflows).

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## Navarino — IT Service Analyst

Apr 2024 – Sep 2024 | Athens, Greece (On-site)

- Supported **Windows Server 2022** environments (AD, DNS, DHCP, GPO, DFS/NFS, FTP/SFTP) and virtual Windows/Linux servers (patching, backups, monitoring, recovery).
- Administered enterprise networking (firewalls, L2/L3, VLANs, VPN/remote access) and maintained Visio documentation/runbooks.
- Built **Python scripts feeding Power BI dashboards** for network performance, utilization, and operational health.

## IntelliSolutions — Project Manager

Dec 2023 – Apr 2024 | Athens, Greece (Hybrid)

- Coordinated delivery across **business analysis to design to development to testing to SIT/UAT to deployment to post-production monitoring**.
- Ran stakeholder workshops; owned project plans, dependencies, risks/issues/changes, and release readiness governance.

## Freelance — Business Analyst / Solutions Architect / Project Coordinator

Jul 2023 – Nov 2023 | Remote

- Led discovery/requirements and advised on **systems integration options** and end-to-end workflow design.
- Owned delivery planning, status reporting, risk/change management, and QA coordination across client/vendor teams.

## Swift Marine (A Horizon Group Company) — Senior Azure Integration Engineer

Jul 2019 – Apr 2023 | Athens, Greece (Hybrid)

- Delivered Azure integration solutions (REST APIs, Functions/Durable Functions in C#, Logic Apps, Service Bus, Storage, Azure SQL) and reporting via Power BI; exposure to ADF/Synapse/Databricks in delivery contexts.
- Led requirements workshops; produced BRDs/specs/process flows/user guides; supported SIT/UAT through go-live and stabilization.

## EY — Senior Consultant, Financial Services & Big Data Engineering

Dec 2016 – Jul 2019 | Athens, Greece (Hybrid)

- Delivered scrum-based initiatives: requirements workshops, user stories/specs, UAT, and governance documentation.
- Built model validation / benchmarking and stress testing suites using **Python/R/VBA/C++** (Basel, IFRS 9, SIMM/FRTB contexts).
- Worked with big-data platforms (Hadoop ecosystem) and reporting tools (Hive/NiFi/StreamSets/QlikView) in delivery settings.

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## Sociomantic Labs — Software Developer

Nov 2015 – May 2016 | Berlin, Germany (On-site)

- Back-end R&D development using the **D programming language**, focusing on performance and robustness.

## Education

- **MPhil, Computer Science (Medical Imaging & Computer Vision)** — University College London (UCL), 2013–2015
- **MBA (Distinction)** — Bayes Business School, 2008–2009
- **PhD, Chemical Physics Program** — The Ohio State University, 2000–2006
- **BSc, Chemistry** — National & Kapodistrian University of Athens, 1995–1999

## Technical Stack

- **Languages:** Python, C#, C++, R, VBA
- **Cloud/Integration:** Azure (APIs, Functions/Durable Functions, Logic Apps, Service Bus, Storage, Azure SQL), Azure DevOps
- **Security/Compliance:** GDPR, TLS/HTTPS, application-layer AES-256, RBAC
- **Tools:** Jira, Trello, ClickUp, GitHub, Miro, Figma, Power BI
- **Infrastructure:** Windows Server 2022, enterprise networking (VPN/VLAN/firewalls), monitoring