

Yannis Raftopoulos

AI Solutions Architect & Lead Engineer · Founder of RankQuest

Athens, Greece · yannisraft.com · linkedin.com/in/yannisraftopoulos · rankquest.app · graftopo@gmail.com

PROFESSIONAL SUMMARY

Software architect and lead engineer with 18+ years designing and shipping production systems across SaaS, automation, IoT, mobile and backend platforms. Today I apply that experience to AI-powered applications, decision systems and automation, combining deterministic software with LLM-assisted reasoning.

Currently building RankQuest, an AI-powered SEO decision and implementation system. Open to AI Solutions Architect, AI Architect, Lead AI Engineer and Senior AI Engineering roles focused on LLM and agentic applications.

SKILLS

AI & Intelligent Systems: LLM APIs (OpenAI) · AI-assisted workflows · AI decision systems · AI-assisted content generation · agentic/AI workflows

Core Architecture & Engineering: Solution/SaaS architecture · backend architecture · APIs · integrations · event-driven systems · WebSockets · IoT · Node.js · TypeScript · SQL · Docker

Modern Application Stack: React · Next.js · Vue.js/Quasar · Supabase · Neon · Vercel · Cloudflare · Stripe · Creem

Additional & Earlier Technologies: Python · PHP · WordPress · React Native · Electron · Swift/UIKit · Android · Unity 3D · KNX · GIS/ArcGIS · C#/WPF · C++/Cocos2D-X · Java · Objective-C · ASP.NET · Joomla · jQuery · Flash · ActionScript

SELECTED AI & SOFTWARE SYSTEMS

RankQuest - AI Decision & Implementation System. Turns website and search data into prioritized actions and implementation guidance. Deterministic ranking plus LLM-assisted generation/guidance (Next.js, Supabase, OpenAI, Vercel).

Keyonic - Smart Automation & Energy Management Platform. Co-founded and architected scalable automation platforms for hospitality and building management.

Litcom - IoT / Smart Building Platform. Mobile, web, backend, WebSockets, KNX, device control, events and scenario programming.

SaaSThink - AI-Assisted Product Ideation Platform. Structured ideation around OpenAI rather than generic chat (Next.js, Supabase).

EXPERIENCE

Founder / AI Solutions Architect / Lead Engineer - RankQuest

Full-time · Jan 2026 – Present · Greece, Remote

Building and architecting an AI-powered SEO decision system that turns website and search data into prioritized actions and implementation guidance.

- Designed the end-to-end architecture combining data-driven analysis, deterministic opportunity ranking and LLM-assisted reasoning/generation.
- Designed the system so deterministic software handles known rules and prioritization while LLMs are used where interpretation, generation or contextual reasoning is required.
- Integrated website analysis, external data sources and AI workflows into a single decision pipeline.
- Owned architecture and hands-on implementation across backend, frontend, database, AI integration and production deployment using Next.js, Supabase, OpenAI and Vercel.
- Defined the product architecture around one prioritized next action rather than dashboards of raw metrics.

Co-Founder / Software Architect / Senior Developer - Keyonic GMBH

Contract · Jan 2022 – Jun 2026 · Vienna, Austria, Hybrid

Co-led a smart automation platform; designed scalable architecture and drove technical strategy across hospitality and building-management domains.

- Designed scalable architecture and defined technical direction.
- Co-led full-cycle product development from architecture through implementation.
- Hospitality automation and reservation systems tested across pilot properties in Austria.

Software Architect / Senior Developer - JoyFoundry LTD

Contract · Jan 2014 – Jan 2022 · Athens, Greece

Architected and developed scalable enterprise applications, SaaS and custom software across backend and frontend.

- Set technical standards and owned architecture on projects requiring non-standard solutions.
- Smart building / energy-management work (Litcom: KNX, WebSockets, mobile/web/backend). Related platform presented in a Dubai startup accelerator.
- Also shipped Aeroscroll, a commercial WordPress product ecosystem.

Senior Developer / Development Team Leader - Neuhaus Media

Freelance · Jan 2013 – Jan 2015 · Zürich, Switzerland, Remote

Led a team delivering a full-stack virtual magazine for iPad; owned project lifecycle and backend/frontend integration.

Mobile and GIS Developer - Trans Adriatic Pipeline (TAP) AG

Full-time · Jan 2012 – Jan 2014 · Athens, Greece

Windows-based GIS mobile app for cadastral data collection (Windows Mobile, ArcGIS Mobile).

Project Manager / Software Developer - NDiastasi

Freelance · Jan 2011 – Jan 2012 · Athens, Greece

Led software projects from planning through deployment.

Mobile App / Web Developer - VERIAH LIMITED

Full-time · Jan 2009 – Jan 2011 · Athens, Greece

Mobile and web applications with emphasis on usability and performance.

Web Designer - Eurobank

Full-time · Jan 2009 – Oct 2009 · Athens, Greece, Hybrid

CSS/HTML improvements on an internal platform; branding and navigation with internal teams.

Web Designer / Web Developer - Inaccess Networks

Full-time · Jan 2008 – Jan 2009 · Athens, Greece

Frontend for smart home and solar management platforms.

EDUCATION

Master's, Computer Systems Networking and Telecommunications - University of Piraeus

BSc, Mathematics & Computer Science - University of Patras

Languages: Greek (native) - English (full professional)

LINKS

- yannisraft.com
- rankquest.app
- mavreta.com
- linkedin.com/in/yannisraftopoulos
- github.com/yannisraft