Matthew Hartley | Website | 07734264377 | mattius@mattius.co.uk | LinkedIn

Chief Technology Officer | Technologist

Innovative and strategic technology leader with a proven track record of driving digital transformation, building scalable products, and leading high-performance development teams. Experienced in healthtech, SaaS, and enterprise solutions, with deep expertise in app development, software architecture, cloud infrastructure, **agentic AI systems**, and emerging technologies, including real-time LLM integrations and workflow automation.

Key Skills & Expertise

- **Technology Strategy & Leadership** – Aligning tech vision with business goals, leading cross-functional teams.
- **Software Development & Architecture** – Full-stack expertise, microservices, scalable systems.
- **Product Development & Innovation** – Bringing new ideas from concept to market, leveraging AI & data analytics.
- **Cloud & Infrastructure** – AWS, Azure, DevOps, and CI/CD pipelines.
- **Healthtech & Regulatory Compliance** – NHS integrations, PHR systems, data security & compliance.
- **Experienced App Developer** - 10+ App's taken to production using Objective C, Swift, Java, Cordova, React Native and Xamarin
- **Agentic AI** architecture & **multi-agent** orchestration
- **n8n workflow** automation & extensibility
- **OpenAI Realtime API** (low-latency streaming, WebSockets)
- **LLM** tool use, memory, and context injection
- **Model Context Protocol (MCP)** integrations
- **AI** safety, guardrails, and production governance

Professional Experience

Chief Technology Officer (CTO) | Immersify | Oct 2026 – Present

- Leading technology strategy, engineering and innovation for Immersify’s immersive healthcare-learning platform.
- Shaping the technology roadmap across product, content and engineering, aligning delivery with learner needs and commercial goals.
- Providing hands-on architectural direction and strengthening engineering practices to support reliable, scalable products.
- Building on the company’s AI capabilities to support content creation and learning experiences.

Fractional Chief AI Officer (CAIO) & Interim Head of Engineering | Immersify | Mar – Sep 2026

- Led AI strategy and delivery, identifying high-value opportunities and aligning initiatives with product and commercial goals.
- Architected and delivered agentic AI and LLM-powered systems, including real-time voice, RAG, MCP integrations and workflow automation.
- Established AI governance, security, guardrails, observability and responsible deployment practices.
- Worked hands-on with product and engineering teams to prototype, validate, integrate and productionise AI capabilities, alongside engineering processes and technical leadership.

Chief Technology Innovation Officer | Evergreen Life | 2024 – Dec 2025

- Led the development of a next-generation **Personal Health Record (PHR) platform**, integrating **NHS Login, GPSoC, and wearable data**.
- Built and scaled a high-performing **agile development team** of 8+ engineers.
- Spearheaded development of the **Evergreen App, a Cordova and React-based** cross-platform solution.
- Established a **unified tech stack** (Node.js, MongoDB, React, React Native) to streamline development and reduce technical debt.
- Enhanced **interoperability** with primary care software, focusing on dermatology triage and personalized health insights.

Director & Co-Founder | Moon15 Ltd | Jul 2020 – Jul 2024

- Founded and scaled a technology-driven business, leading **product development, infrastructure, and go-to-market strategy**.
- Managed end-to-end development of a **SaaS booking platform** with Stripe Integration.
- Developed and published a **drawing social media platform** (app and website) used by a large community.
- Took to market **PocPod (Point Of Collection / Point Of Delivery)** transporter app used by 30+ businesses.

Head of Development | Evergreen Life | 2023 – 2024

- **Managed** and expanded the **Development team** to support existing App and delivery and integrated **GP Systems** across multiple projects.
- Worked with other members of the **Evergreen SLT** to manage budgets and deliver key projects.
- **Led transformation** across the business championing **cross-functional** project teams.

Principal Solutions Architect | Evergreen Life | 2019 – 2023

- Designed and implemented **scalable microservices architectures**.
- Developed integrations with NHS systems, enhancing interoperability and user experience.
- Championed **agile methodologies**, improving delivery speed and product quality.

Principal Software Developer | Evergreen Life (Ascent MS) | 2015 – 2019

- Led **app development team** in delivering enterprise-grade solutions for healthtech.
- Designed and optimized **cloud infrastructure** supporting backend PHR functionality.

Senior Software Developer | Ascribe (EMIS Health) | 2011 – 2015

- Developed core healthcare applications platform **HAP (Health Application Platform)** used by thousands of healthcare professionals.
- Led development of **FHIR-compliant APIs**, enabling interoperability between NHS systems.
- Solutions Architect for **Innovation Centre** incentive.
- Developed a bespoke **iOS bed management** and **results viewer** solution directly with customers at Southampton Hospital.

Agentic AI & Real-Time Systems (Recent Work)

- Designed and implemented **prototype and R&D-focused agentic AI systems** combining n8n orchestration, OpenAI Realtime API, and MCP integrations.
- Explored **low-latency AI interaction patterns** using streaming LLM sessions for real-time voice and text experiences.
- Built reusable AI workflow patterns balancing autonomy with deterministic execution, observability, and auditability.

Education & Certifications

- **BSc (Hons) Computer Science**, University of Salford, 2013 – 2016

Notable Projects & Achievements

- **Built and scaled a PHR app** used by over a million users, reducing fragmentation in patient data.
- **Successfully integrated GP Patient data** into a PHR ecosystem via the NHS GPSoC connection.
- **Migrated structured monolith solutions to cloud infrastructure**, providing scalability and reliability.
- **Led digital transformation initiatives**, modernizing legacy systems and enabling business growth.