Tommy Thierry

AI Technical Director

Enterprise AI strategy, agents & automation.

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AI Technical Director with 20 years of experience in software development and systems integration. I advise organizations on AI adoption, lead technical choices and build solutions that connect models, business knowledge and everyday tools.

Experience · AI leadership

AI Technical Director · ERA Consulting Group June 2024 – Present

- Advise clients on AI roadmaps: identify use cases, prioritize initiatives and guide integration into existing business processes.
- Act as the technical reference for Microsoft 365 Copilot, Copilot Studio and Microsoft Foundry; connect these environments to enterprise data and tools.
- Design and develop AgentHub and its integrations, from model selection and retrieval architectures to agent tools and production deployment.

Selected AI work · In production

AgentHub — Enterprise agent platform

Multi-provider AI agent platform connected to enterprise knowledge and tools. RAG/CRAG architecture, agent orchestration and Microsoft integrations through APIs and MCP.

Symfony · LLM · RAG / CRAG · Microsoft Graph · MCP

AI in Microsoft Office — Word · PowerPoint · Excel

Word, PowerPoint and Excel add-ins connecting AgentHub to the active document. Context-aware reading, writing and content transformation using native Office tools.

Office.js · React · TypeScript · AgentHub API

An agent in the browser — Chrome extension

Chrome extension connecting AgentHub to web page context. AI-driven browser control and task automation.

TypeScript · React · Manifest V3 · Chrome DevTools Protocol

QuickAction — Windows & macOS applications

Windows and macOS application bringing AI into everyday software through keyboard shortcuts. Dictation, rewriting, translation and screen context analysis.

Tauri · Rust · Svelte · Speech-to-text · Vision

Connected workflows — Business automation

n8n workflows connecting enterprise applications, APIs and AI services. Automation of recurring tasks and data processing.

n8n · APIs · Webhooks · Docker · PostgreSQL

Tommy Thierry

AI Technical Director · 20 years of experience

Technical expertise

Microsoft ecosystem — Microsoft 365 Copilot · Copilot Studio · Microsoft Foundry (Azure AI Foundry) · Microsoft Graph · SharePoint · Teams · Entra ID

Models & retrieval — OpenAI · Anthropic · xAI / Grok · Hugging Face · LLM · Embeddings · RAG · CRAG · Agentic RAG

Agents & automation — n8n · MCP · Tool calling · REST APIs · OAuth 2.0 / PKCE · Office.js · Chrome extensions

Software engineering — PHP · Symfony · TypeScript · React · Svelte · Tauri / Rust · Node.js · Magento · SQL · Docker · Linux · Git / CI/CD

Experience · Software engineering

ERA Consulting Group January 2022 – September 2024

Tech Lead, Web Solutions / Full Stack Magento Developer

Technical leadership, solution architecture and Magento development for enterprise clients. Integration with business systems.

Absolunet June 2016 – December 2021

Full Stack Magento Developer / Team Lead

Enterprise eCommerce for OK Tire, Bain Dépôt and Pelican Sport. Custom Magento 1 & 2 modules, ERP integrations and technical team leadership.

Groupe TVA November 2012 – August 2014

Backend Developer

Custom Symfony 2 CMS for television websites, including La Voix and Fort Boyard. Development and maintenance of TVA's digital platforms.

TouchTunes June 2012 – December 2012

PHP Developer

Development and optimization of the myTouchTunes REST API, serving millions of daily requests for mobile jukebox applications.

Astral Media August 2009 – June 2012

Full Stack Web Developer

Created a custom CMS for 83 radio station websites across Canada. Development and maintenance of shared digital radio platforms.

Education

Université de Montréal 2007–2008

Informatics — university exchange, third year

Université Joseph Fourier (Grenoble I) 2005–2007

Licence de Science et Technologie, Santé, Mention Informatique et Mathématiques Appliquées

Languages : French — native · English — professional working proficiency