

Ali Taggaz

Power Platform & Copilot Engineer: Applied AI / Agentic Systems

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Remote · France / Europe (CET)

LinkedIn · alitaggaz

GitHub · codeurali

MCP Dataverse (repo) · mcp-dataverse

Languages: French · Native · English · Professional working proficiency

Senior Power Platform and Copilot Engineer with an Applied AI specialization. I build the tooling that lets AI agents work reliably against real enterprise data. Five years of hands-on delivery on Microsoft's Power Platform, Dynamics 365, and Copilot stack at Hitachi Solutions. I wrote MCP Dataverse, an open-source Model Context Protocol server with about 80 tools and roughly 900 monthly downloads on npm, so LLM agents can query and act on Dataverse directly. That personal project became the starting point for an agentic delivery framework I proposed at work. My practice director sponsored it, and it is now standard delivery practice on my team.

EXPERIENCE

Senior Technical Consultant, Power Platform, Dynamics 365 and Copilot

Hitachi Solutions

Jan 2021 – Present · France / Remote

Senior technical consultant and engineering referent across multi-sector engagements: public sector, healthcare, automotive, and real estate. Proposed and helped scale an agentic delivery framework that started as a personal initiative and is now used across the practice.

- Proposed an agentic delivery framework with human-in-the-loop checkpoints at architecture decisions, implementation gates, and ALM promotion. Started as a personal initiative, sponsored by my practice director, and adopted as internal standard practice.
- Technical referent for architecture and engineering standards across project teams of 5 to 30+ engineers. Reviewed implementations, set development standards, and answered complex technical questions.
- Ran discovery and solution architecture workshops, translating business requirements into data models, integration design, and delivery roadmaps.
- Redesigned the ALM and CI/CD pipeline, environment strategy, and solution structure for a healthcare client. Cleared deployment debt and put reproducible release governance in place.
- Built a PCF component that integrates ArcGIS with a georeferenced database for a large public-sector contract. Resolved sandbox and third-party constraints in the PCF runtime.
- Mentored engineers on platform patterns and ALM practices. Ran knowledge-transfer and onboarding sessions across engagements.

Web Developer

Freelance

2020 – 2021 · France / UK

Independent web development for small businesses in France and the UK: custom WordPress sites with PHP themes and React integrations, plus SEO and security audits.

Communications Officer / Webmaster

Digital Media & Communications

2014 – 2019

Earlier career in web content, digital communications, and WordPress site creation in media environments. Built early experience with stakeholder communication and web publishing.

PERSONAL PROJECTS

MCP Dataverse

Founder · Author · Maintainer

A personal, open-source Model Context Protocol server that gives AI agents secure, structured access to Microsoft Dataverse: schema, metadata, data, and platform operations through the Dataverse Web API.

- Designed and shipped a production-grade MCP server in TypeScript with about 80 structured tools across 28 categories, covering CRUD, OData and FetchXML queries, metadata, batch operations, RBAC, solutions, audit, and schema writes.
- Implemented three enterprise authentication modes (device code, client credentials, managed identity via MSAL) with AES-256-GCM encrypted token caching and guardrails on destructive operations.
- Distributed via npm/hpx (mcp-dataverse, about 900 monthly downloads) and listed on the Smithery and Glama MCP registries. Works with Claude, VS Code Copilot, Cursor, Windsurf, and any MCP client.
- Production-quality engineering: modular architecture, structured outputs, stdio and HTTP/SSE transports, automated tests, CI, a documentation site, a changelog, and a public roadmap.

Graph Orchestrator

Creator

A personal project, and also how I run my own AI-assisted work. A portable multi-project orchestrator that breaks a goal into ordered tasks and drives each one through a plan, build, and review loop, backed by a Neo4j graph database.

- Built a harness that runs each project's own verification command after every build and stores the result as evidence, so an agent's self-report never decides whether a build passed.
- Modeled projects, tasks, phases, and evidence as a graph, with a lessons store that carries fixes and decisions forward into new projects and fresh agent sessions.
- Use it daily to plan, build, and review my own work, including the Agentic Delivery Framework below.

Agentic Delivery Framework

Creator · Lead

A delivery framework that structures the full software delivery lifecycle: discovery, architecture, implementation, review, and production deployment, for AI-assisted teams. Started as a personal initiative. My practice director sponsored it, and Hitachi Solutions adopted it as internal standard practice.

- Enforces human-in-the-loop checkpoints at architecture decisions, implementation gates, and ALM promotion, giving production governance to agentic delivery at scale.
- Runtime integrates MCP servers to ground recommendations in live project context. Installable into any target project via CLI.
- Started as a personal initiative. My practice director sponsored it, and it rolled out across teams and business domains as standard delivery practice.

AI-Assisted Dev Context Manager

Creator

Personal project. A context and memory tool for AI-assisted development across large, multi-team codebases. It keeps track of repository knowledge such as architecture decisions, patterns, and team conventions, so coding agents can pull in the right context automatically.

- Structures repository knowledge so AI coding tools can retrieve relevant context automatically across sessions.
- Uses vector search and Azure-native services to support retrieval across large, multi-team projects.
- An exploratory, personal-use project. Not deployed as an official internal tool.

SKILLS

AI & Agentic Systems

Model Context Protocol (MCP)

MCP server development

AI agents & agentic workflows

LLM integration & coding agents (Claude, GitHub Copilot)

Prompt & context engineering

Retrieval / semantic search (embeddings, vector search)

Human-in-the-loop systems

Cloud & DevOps

Azure

Azure DevOps

Git

GitHub Actions

CI/CD

Docker

ALM

Software Engineering

TypeScript

JavaScript

Node.js

Python

C#

.NET

React

REST APIs

Automated testing

PowerShell

Enterprise Platforms & Integrations

Microsoft Dataverse

Dynamics 365

Power Platform

Copilot Studio

Integration design

Solution architecture

Data modelling

OData / FetchXML

EDUCATION

WebForce3

Bachelor's (EQF Level 6 / Bac+3) · Business Application Development & Power Platform

2021 – 2022

Completed in alternance at Hitachi Solutions (2021–2022).

CEFIM

Web & Mobile Development

– 2020

Hands-on web and mobile development training, with internships at Noctabene (smart-city IoT, PHP) and Ringo Studio (ReactJS, Laravel).