

Javier Espinosa Pineda

AI Knowledge Architect | Prompt Engineering | LLM Workflows | Human + AI Collaboration

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Professional Summary

AI Knowledge Architect with experience designing AI-assisted learning systems, knowledge architectures, prompt-based workflows, LLM workflows, intelligent evaluation systems, digital learning platforms, and human-centered AI workflows.

Combines a technical background in Computer Systems Engineering with applied experience in generative AI, instructional systems design, educational technology, platform logic, multimedia educational production, and Human + AI collaboration.

Creator of Neuro-Pedagogía de Precisión (NPP), Human Empowerment, and an AI-Assisted Massive Intellectual Production System, three public AI evidence pillars demonstrating applied work in learning systems, Personal Talent Detection, large-scale knowledge production, curriculum architecture, book-to-course transformation, prompt engineering, LLM workflows, and responsible Human + AI collaboration.

Core Skills

AI, Prompt Engineering and LLM Workflows

Prompt Engineering · LLM Workflow Design · Generative AI · Prompt-Based Workflow Design · AI-Assisted Content Creation · AI-Assisted Documentation · Structured Output Design · AI Model Evaluation · Human + AI Collaboration

Knowledge Architecture and Learning Systems

AI Knowledge Architecture · Knowledge-to-System Transformation · Instructional Systems Design · Learning Experience Design · AI-Assisted Learning Systems · Curriculum Development · Intelligent Evaluation · Educational Technology

Human-Centered AI Workflows

Personal Talent Detection · Human-Centered AI · Privacy-Aware AI Workflows · Human Development Workflow Design · Vocational Orientation · Professional Profiling · Leadership Insight · Organizational Talent Alignment

Technical Background

Computer Systems Engineering · PHP · MySQL · CodeIgniter · Databases · Platform Architecture · Information Architecture · Digital Product Strategy

Selected Public AI Evidence Pillars

Neuro-Pedagogía de Precisión — NPP

AI-Assisted Learning System | Knowledge Architecture | Intelligent Evaluation

Public repository: <https://github.com/aiwithjavier/npp-ai-assisted-learning-system>

AI-assisted instructional methodology, digital learning platform, and intelligent evaluation ecosystem designed to transform complex knowledge into structured, measurable, and actionable learning experiences.

Demonstrated skills: AI Knowledge Architecture · Instructional Systems Design · Prompt Engineering · LLM Workflows · Intelligent Evaluation · Multimedia Educational Production · Human + AI Collaboration

Human Empowerment

AI-Assisted Personal Talent Detection / Human Development Workflows / Human-Centered AI

Public repository: <https://github.com/aiwithjavier/human-empowerment-ai-talent-detection-system>

AI-assisted Personal Talent Detection and human development workflow system designed to structure complex human-centered information into useful, privacy-aware development insights while preserving human judgment.

Demonstrated skills: Personal Talent Detection · Human-Centered AI · Prompt Engineering · LLM Workflow Design · AI-Assisted Documentation · Privacy-Aware AI Workflows · Professional Profiling · Human + AI Collaboration

AI-Assisted Massive Intellectual Production System

Large-Scale Knowledge Architecture / Books / Courses / Transformational Learning Programs

Public repository: <https://github.com/aiwithjavier/ai-assisted-massive-intellectual-production-system>

Human + AI workflow system supporting the creation and structuring of more than 7 books and more than 50 online courses, including curriculum architecture, long-form editorial development, book-to-course transformation, multimedia planning, and consistency management.

Demonstrated skills: AI Knowledge Architecture · Prompt Engineering · LLM Workflow Design · Long-Form Content Architecture · Curriculum Architecture · Book-to-Course Transformation · Editorial Workflow Design · Consistency Management

Education

Tecnológico de Monterrey

Bachelor's Degree, Computer Systems Engineering (1992 – 1997)

Academic background in computer systems, software development, systems analysis, databases, programming logic, information architecture, and technology-based problem solving.

Target Role Alignment

AI Knowledge Architect · Prompt Engineer · LLM Workflow Designer · AI Instructional Designer · AI Content Architect · Learning Systems Designer · AI-Assisted Learning Designer · Generative AI Content Strategist · Human-Centered AI Workflow Designer · Spanish Language AI Specialist

ATS Keywords

AI Knowledge Architect · Prompt Engineering · Generative AI · LLM Workflows · Instructional Systems Design · Learning Experience Design · Knowledge Architecture · AI-Assisted Learning · Educational Technology · Intelligent Evaluation · Human + AI Collaboration · Human-Centered AI · Digital Learning Platform · AI-Assisted Documentation · Privacy-Aware AI Workflows · Personal Talent Detection · Spanish AI Specialist · Large-Scale Knowledge Architecture · Long-Form Content Architecture · Book-to-Course Transformation · Editorial Workflow Design · Consistency Management