TUXAID

AI ENGINEERING SERVICES

Architecting excellence *with AI.*

We design autonomous AI agents and the production systems that run them — built around your data, your infrastructure and your vision.

Claude Certified Solution Architects

OFFERING 01

Bespoke AI Agent Architectures

Autonomous agent ecosystems connected to your systems through the Model Context Protocol (MCP).

OFFERING 02

Enterprise MLOps & AI-Native Development

Forward-deployed engineers who build, ship and scale production-grade AI applications.

We don't just add AI to your workflow. *We engineer it in.*

Tuxaid Technologies bridges the gap between cutting-edge artificial intelligence and robust software engineering. We replace abstract AI hype with production-ready, low-latency systems that deliver measurable value.

01
Certified expertise

Claude Certified Solution Architects designing agent systems on proven foundations.

02
MCP specialists

Hands-on with FrappeMCP, StrapiMCP, FastMCP and the native MCP Python SDK.

03
Forward-deployed

Engineers who work alongside your team, inside your stack, until it ships.

HOW WE ENGAGE

1. **Discover** — Map goals, data sources and the workflows worth automating.
2. **Architect** — Design agents, tools, retrieval and guardrails for your stack.
3. **Build** — Engineer MCP servers, pipelines and AI-native apps.
4. **Deploy** — Ship to production on your cloud with monitoring in place.
5. **Operate** — Evaluate, retrain and improve with MLOps pipelines.

TWO WAYS WE HELP

Bespoke AI Agent Architectures

- Autonomous, multi-step agent ecosystems
- Agents that act on your real business data
- Secure MCP bridges to existing software

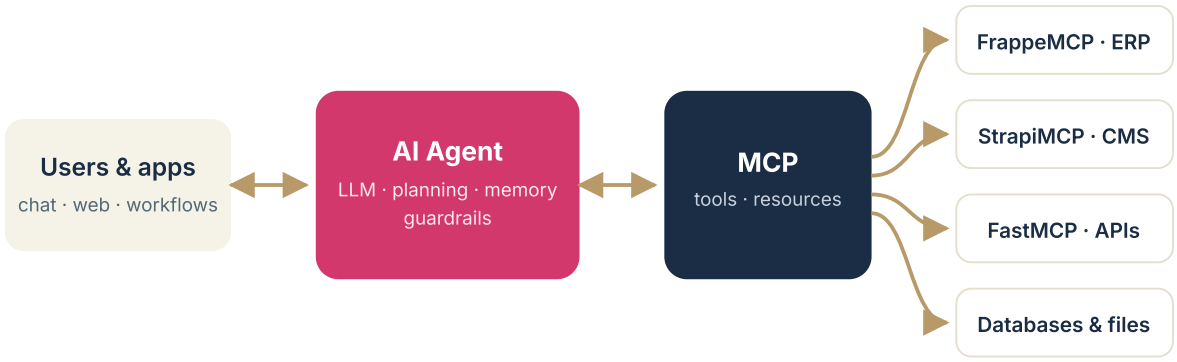
Enterprise MLOps & AI-Native Development

- End-to-end LLM orchestration
- High-performance RAG & vector search
- Scalable pipelines for continuous learning

TUXAID

Bespoke AI Agent *Architectures*

Tailored engineering of autonomous agent ecosystems using the Model Context Protocol (MCP) — so AI models can safely read, reason over and act on the systems you already run.



Agents reach your systems through standard MCP servers — no fragile one-off integrations.

WHAT WE BUILD

- **Agent ecosystems** — single or multi-agent, designed for your workflows
- **Custom MCP servers** exposing your data and actions as safe tools
- **Tool & permission design** so agents only do what they should
- **Conversation & memory** handling for multi-step tasks
- **Guardrails & validation** on every agent action

ADVANCED MCP INTEGRATION

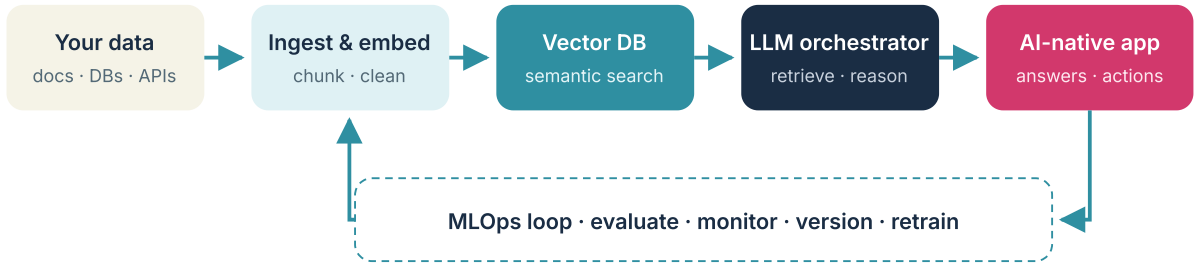
- **FrappeMCP** — connect agents to Frappe / ERPNext
- **StrapiMCP** — let agents work with your CMS content
- **FastMCP** — fast, production-ready custom servers
- **MCP Python SDK** — native builds for any system

EXAMPLE USE CASES

Customer support agents · Ask-your-data assistants · ERP operations agents · Content & publishing agents · Booking & scheduling assistants · Internal knowledge copilots

Enterprise MLOps & *AI-Native Development*

Dedicated, hands-on engineering to rapidly build, ship and scale production-grade AI applications — with the pipelines that keep them accurate and reliable.



Retrieval-Augmented Generation grounded in your data, wrapped in a continuous MLOps loop.

CORE CAPABILITIES

- **LLM orchestration** — end-to-end prompt, model and tool flows
- **RAG systems** — high-performance, grounded answers
- **Vector databases** — custom design and implementation
- **MLOps pipelines** — built for continuous learning
- **Cloud engineering** — scalable, secure deployment

FORWARD-DEPLOYED ENGINEERING

- Engineers embedded with your team
- Rapid build-ship-scale cycles
- Production-grade from day one
- Knowledge transfer to your developers

BUILT FOR RELIABILITY

Evaluate

Measure answer quality before and after every change.

Monitor

Track latency, cost and accuracy in production.

Improve

Version data and models; retrain with confidence.

We ship AI in *real products* every day.

The same engineering we offer clients powers the AI features inside Tuxaid's own products.

EXOGRAD CRM

ReportIQ

Ask business questions in plain English. A planner, validator and execution engine turn questions into safe, permission-aware queries — with follow-up context.

PEPPER APPS

AI assistant & MCP

A chat assistant that understands what customers ask for and routes them to the right booking action, plus an MCP server for AI agents.

KAAHALAM

Audio AI model

A custom-trained model that restores, enhances and re-masters audio — isolating frequencies and removing ambient noise.

WHY TUXAID

- **Certified** — Claude Certified Solution Architects
- **Specialised** — deep MCP and agent engineering
- **Production-first** — low-latency, reliable systems
- **Tailored** — built for your data and infrastructure
- **Hands-on** — forward-deployed engineers
- **End to end** — from idea to monitored production

Let's scale the future of your business *together.*

Tell us about your idea or challenge — we'll send you a quote within 48 hours.

info@tuxaid.com

Book a meeting