

TECHNICAL SKILLS

Claude API	OpenAI API	LangChain / LCEL	LangGraph	RAG / Vector Search
PostgreSQL + pgvector	Docker / docker-compose	AWS EC2 / IAM	Azure App Service / ACR	Langfuse (LLMOps)
MCP SDK	faster-whisper	scikit-learn (ML)	FastAPI	Python 3.12
Streaming SSE	Prompt Engineering	AST + radon	pytest	GitHub Actions

WORK EXPERIENCE

AI Engineer — Freelance Consultant Independent · Healthcare, SaaS & Analytics sectors 2025 – Present

- Built and delivered 10 production AI agents for clients in healthcare, SaaS and analytics sectors — deployed on Render, AWS EC2 and Azure App Service with FastAPI, pytest and CI/CD via GitHub Actions
- MCP Agent — Model Context Protocol server exposing 6 tools from the Meeting Intelligence Agent to Claude Desktop; Claude autonomously lists meetings, retrieves action items, searches transcripts with pgvector RAG and answers natural language questions
- Meeting Intelligence Agent — 6-node LangGraph pipeline: faster-whisper transcription, Claude extraction of decisions/action items/open questions, PostgreSQL + pgvector indexing for RAG-based Q&A over meeting content
- Technical Debt Analyzer — 6-node LangGraph pipeline: AST + radon analysis, PyPI dependency checking, test coverage estimation, Claude business impact interpretation, weighted health score 0-100
- Job Matcher Agent — hybrid ML + LLM: GradientBoostingRegressor trained on 500 Claude-labeled CV/job pairs (MAE=8.04, R²=0.629); Claude gap report
- Lead Capture SaaS — multi-tenant platform with streaming SSE, Langfuse LLM observability, deployed on AWS EC2 and Azure App Service
- Document Intelligence Agent — Docker + PostgreSQL + pgvector + Cloudflare R2; semantic search; compare mode across N documents
- BI Agent — 7-node LangGraph pipeline with SQL/Pandas routing, quality gate with automatic retry, anomaly detection and auto-generated charts

3D Designer / Motion Grapher Basquevolt 2023 – 2025

- Created 3D animations and motion graphics for corporate communication at an electric battery startup

3D & 2D Motion Grapher Trison Necsum 2021 – 2022

- Designed motion graphics and visual assets for digital signage and retail environments

PORTFOLIO PROJECTS

MCP Agent — Portfolio MCP Server 2026

MCP server exposing 6 tools from the Meeting Intelligence Agent to Claude Desktop. Claude autonomously decides which tool to call based on natural language requests — no UI required.

- 6 tools: list_meetings, get_meeting_summary, get_meeting_extractions, search_meeting (pgvector RAG), ask_meeting, list_action_items_by_owner
- Claude chains tools autonomously: 'What does Carlos have pending?' → list_meetings → get_meeting_extractions → filtered result
- Stack: MCP SDK · Python asyncio · PostgreSQL + pgvector · Claude Haiku · Claude Desktop

Meeting Intelligence Agent 2026

6-node LangGraph pipeline that converts audio recordings or transcripts into structured meeting intelligence with RAG-based Q&A.

- faster-whisper transcription with VAD filter · Claude extraction per segment · PostgreSQL + pgvector RAG · SSE streaming
- Stack: LangGraph · faster-whisper · pydub · Claude Haiku · OpenAI Embeddings · PostgreSQL + pgvector · FastAPI

Technical Debt Analyzer 2026

6-node LangGraph pipeline that analyzes any GitHub Python repo and returns a 0-100 health score with Claude-generated business impact report.

- AST + radon · PyPI API · Claude business interpretation · SSE streaming
- Stack: LangGraph · Python ast · radon · gitpython · httpx · Claude Haiku · FastAPI

Job Matcher Agent 2026

Hybrid ML + LLM: GradientBoosting trained on Claude-labeled data scores CV/job fit; Claude generates gap report.

- MAE=8.04, R²=0.629 · Stack: scikit-learn · Claude Haiku · PyMuPDF · python-docx · FastAPI

AI Lead Capture SaaS Platform 2025 – 2026

Multi-tenant SaaS with streaming SSE, Langfuse observability and dual cloud deployment (AWS EC2 + Azure App Service).

- Stack: Claude Haiku · FastAPI · SQLite · Resend · Langfuse · SSE · Docker · AWS EC2 · Azure App Service

Document Intelligence Agent 2026

Production RAG system containerized with Docker. PostgreSQL + pgvector, Cloudflare R2, compare mode across N documents.

- Stack: Docker · PostgreSQL + pgvector · Cloudflare R2 · OpenAI Embeddings · Claude Haiku · FastAPI

BI Agent — Multi-Agent Analytics 2026

LangGraph multi-agent system for natural language analytics with SQL/Pandas routing, quality gate and anomaly detection.

- Stack: LangGraph · Claude Haiku · Pandas · SQLite · Matplotlib · FastAPI

EDUCATION

Applied AI & LLM Systems Self-directed 2025 – 2026

LangChain, LangGraph, RAG, MCP, scikit-learn, Claude API, Pandas, Docker, PostgreSQL, pgvector, AWS EC2, Azure App Service, Langfuse, Streaming SSE, FastAPI, pytest, AST analysis, radon, faster-whisper, Render.

Master in VFX & Motion Graphics CEI 2021

3D Animation & Videogame Development Tartanga 2019

LANGUAGES

Spanish — Native English — Professional Basque — Full Professional