

# Augusto Bastos

Applied AI Developer · Agentic AI · MCP · RAG

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## PROFESSIONAL SUMMARY

I design and ship AI systems by directing coding agents (Claude Code, Codex): I set the architecture and guardrails, a second AI agent reviews the code, and I test the result. Background in IT support, teaching, leading restaurant shifts and coordinating a retail team.

## TECHNICAL SKILLS

**Agentic AI:** multi-agent workflows with Claude Code and Codex, second-agent code review, MCP servers and tools, guardrails and permission limits, agent-written tests (pytest, Playwright)  
**Applied AI:** LLM APIs, RAG, embeddings, pgvector, prompt and tool design, n8n automation  
**Agent-directed development:** Python, TypeScript, SQL, Supabase / PostgreSQL, Row-Level Security, Stripe Connect, Cloudflare, GitHub Actions  
**Code reading:** Python (basic), YAML, JSON (partly)

## PROJECTS

- Lucky Cat — Multi-Tenant Restaurant Platform**

2026 – Present

[luckycat.ie](https://luckycat.ie)

  - Restaurant software: a React/TypeScript ordering app and an operations dashboard on Supabase, one codebase for all tenants.
  - Tenant data isolated with PostgreSQL Row-Level Security and checked by Playwright cross-tenant tests; a security review found and fixed two serious bugs. Stripe Connect card charge tested end to end.
- Synergy — Agent Action Layer**

2026

[luckycat.ie/synergy](https://luckycat.ie/synergy)

  - Contract-based action layer for AI agents: one contract per app, MCP annotations derived from it, and a static safety lint that rejects unconfirmed money moves, financial writes without an idempotency key and anonymous writes.
- PitchPilot — Applied AI / RAG Copilot**

2026

[luckycat.ie/pitchpilot](https://luckycat.ie/pitchpilot)

  - White-label field-sales app whose copilot answers pricing and contract objections from each product's own documents.
  - A Supabase Edge Function embeds the question with Gemini, retrieves the top 6 chunks with pgvector filtered to the active product and answers with Gemini Flash-Lite, logging its sources; keys stay server-side. Replaced an IVFFlat index with exact search after recall collapsed on a small corpus.
- Deputy-MCP — Open-Source MCP Server**

2026

Open source (MIT) | [github.com/augbastos/Deputy-MCP](https://github.com/augbastos/Deputy-MCP)

  - Python MCP server that lets Claude answer roster questions ("When do I work next?") from a live Deputy account: 11 read tools, plus 5 write tools that exist only when `DEPUTY_ALLOW_WRITES=true`.
  - OAuth, API-token or calendar sign-in; tokens kept in the OS keychain and by default sent only to `*.deputy.com`. Read tools and OAuth tested on a real Deputy account; write tools covered by automated tests.

## WORK EXPERIENCE

- Retail Coordinator — Chemist Warehouse Ireland**

Jul 2026 – Present
- Assistant Manager — Burger King**

May 2024 – Jul 2026
- Team Member, Front of House — KFC**

Apr 2022 – Apr 2024
- English Instructor — WSA Languages**

2019 – 2022
- Receptionist & IT Technician — Unified Educational Foundation**

2014 – 2018

## EDUCATION AND CERTIFICATIONS

**Graphic Design (degree)** — Universidade Veiga de Almeida, 2015–2018  
**High School & IT Technician** — Emmanuel Leontsinis, 2012–2014  
**Cambridge English: Proficiency (CPE)** — C2, Grade C, 2023  
**Cambridge English: Advanced (CAE)** — C1, Grade B, 2022  
**IELTS Academic** — overall 7.5, 2022

## LANGUAGES

Portuguese — Native | English — C2