

GASPAR MATEO MEDINA

Automation analyst and developer

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PROFILE

I analyse business processes, design the solution and take it to production. More than 50 automations running for Banco de España, TotalEnergies, Inditex, Leroy Merlin and the Government of Catalonia, using UiPath, Python, .NET and AI integration. The problem picks the tool: I have put language models at the centre of some projects and ruled them out of others, where the process demanded an identical result on every run.

- 50+ automations in production over 4 years
- Estimated saving of more than 10,000 h/year across those processes
- Analyst and client-facing technical lead in the public financial sector
- UiPath Certified Professional Automation Developer

EXPERIENCE

RPA Developer & Business Analyst

Oct 2022 — Present

T-Systems · Granada, Spain

- More than 50 processes in production with UiPath and REFramework, built on reusable in-house libraries so the same code is not rewritten on every project. Several handle hundreds of documents per run.
- Requirement gathering and direct client contact: I analyse the process as it is actually performed today, estimate effort against return, and rule out what is not worth automating before writing a line.
- AI in production processes: free-text classification, document reading with Document Understanding and OCR, and confidence thresholds that route to human review when the model cannot guarantee the answer.
- Operations with Orchestrator: queues, assets, log analysis, monitoring with Splunk and version control with Git. Processes speak up when they fail instead of stopping silently.
- Analyst and technical lead at a public financial sector client, coordinating another developer's work and answering for the result in front of the client.

RPA Developer

Apr — Oct 2022

Intelcia · Remote

- Automated intake of medical certificates: data extraction from documents photographed on a phone using Document Understanding and OCR, with human validation only where image quality made the reading unsafe.
- Tested several OCR engines against the real documents in the process and made the internal case for the cost of the only one that held up on the worst photographs.

IT Technician — Erasmus

2020

Deltion College · Zwolle, Netherlands

- International systems and support placement, working entirely in English.

IT Technician

2018

Clínica del Pilar · Barcelona, Spain

- Support, systems and infrastructure in a healthcare environment running around the clock.

SELECTED PROJECTS

Audit file sampling

Public financial sector · in production

Hundreds of documents per quarter, no two in the same format. I ruled out OCR and language models: this is an audit, and it demands an identical result on every run. Instead I rebuilt each document's structure by inferring its columns from the coordinates of every word, with title detection through regular expressions. It replaced a manual, article-by-article selection.

Knowledge base built from incidents

Internal project · in production

Every resolved incident died inside its own ticket. Collected by API from Jira and ServiceNow, classified with an internal AI — the data could not leave the network — and grouped by similarity using overlap algorithms to spot when several incidents are the same problem. It writes a combined solution into the knowledge base on every run, several times a day, and only routes to human review when confidence is too low.

Voice conversational assistants

AI conference · later productised

Two assistants on a language model for a conference stand, in Python and React with Google speech recognition and synthesis. The hard part was not the model: it was making speech recognition work in a hall full of people, using a dynamic sound threshold. The real depth was in designing the modes — interview simulation, candidate assessment and CV generation. The company parameterised and sold it afterwards.

These three and six more, with the reasoning behind each decision, at gasparmateo.com

SKILLS

Analysis and delivery

Functional and process analysis, requirement gathering, solution design, effort and return estimation, functional documentation, client contact, coordinating developers

Automation

UiPath, Orchestrator, REFramework, Document Understanding, OCR, Power Automate, n8n, reusable libraries, API integrations

Artificial intelligence

Prompt engineering, model API integration, agents and connectors (MCP), Claude Code, information extraction and interpretation, Google Cloud Vision

Development

Python, .NET, TypeScript, React, Next.js, Java, SQL, databases, REST APIs, Git, HTML and CSS

Ways of working

Scrum, Agile, Jira, ServiceNow, estimation and tracking, monitoring with Splunk, documentation and handover to maintenance

CERTIFICATIONS

UiPath Certified Professional Automation Developer

Also: AWS Certified Cloud Practitioner · CCNAv7 Switching, Routing and Wireless Essentials · CCNA Cybersecurity Operations · Oracle (SQL, PL/SQL and Java)

EDUCATION

- RPA Development with UiPath — Generation Spain · 240 h · 2022
- Higher Vocational Degree in Network Systems Administration — average grade 9/10 · 2019-2021
- Intermediate Vocational Degree in Microcomputer Systems and Networks — average grade 9/10 · 2017-2019

LANGUAGES

Spanish: Native · Catalan: Native · English: B2