

Trabajos.com — MCP Connector for Claude

Official Model Context Protocol (MCP) connector that enables Claude to search real-time job offers from Trabajos.com, the leading Spanish-language job board covering Spain, Mexico, Colombia, and Chile.

Overview

The **Trabajos.com MCP Connector** exposes a single tool — `search_jobs` — that lets Claude query live job listings directly from Trabajos.com's database. Results include full offer details: title, location, salary range, contract type, area, profession, education level, and a direct deep-link to the listing.

Key capabilities

- Real-time job search with free-text keyword matching
 - Location filtering at country, province, and city level with AI-assisted fuzzy resolution (users can type "Madrid", "Barcelona", or "España" and the system resolves correctly)
 - Area and profession filtering with AI-assisted matching against the full catalogue
 - Salary range filtering (min / max)
 - Full offer metadata in the response (salary, contract type, workday, education level, publish date)
 - Deep-links with UTM attribution and tracking IDs per search session
-

MCP Server Details

Property	Value
Protocol	JSON-RPC 2.0 over HTTP (Streamable HTTP transport)
MCP Version	2024-11-05
Server name	trabajos-mcp
Server version	1.0.0
Endpoint	POST /mcp/claude
Authentication	API Key via <code>API-KEY</code> header

Authentication

All requests to the MCP endpoint must include a valid API key in the HTTP header:

```
API-KEY: <your-api-key>
```

Requests without a valid key return `401 Unauthorized`:

```
{ "error": "Invalid API Key" }
```

Contact the Trabajos.com team to request an API key: paul.martinez@hispavista.com

Tool: search_jobs

Description

Searches for real-time job offers on Trabajos.com. Use this tool when the user is looking for a job, asking about vacancies, or wants to explore job opportunities in a specific sector or location. Returns a list of offers with title, direct URL, salary, contract type, location, area, and publication date.

Input schema

Parameter	Type	Required	Description
keyword	string	No	Job title, role, or skill. E.g. "PHP developer", "nurse", "accountant". Pass empty string to search without keyword.
location	string	No	City, province, or country. E.g. "Madrid", "Mexico City". Fuzzy-resolved with AI assistance.
limit	integer	No	Number of results (default: 5, max: 10).
salaryMin	integer	No	Minimum annual salary in local currency.
salaryMax	integer	No	Maximum annual salary in local currency.
area	string	No	Job sector. E.g. "Technology", "Healthcare". AI-assisted catalogue matching.
profession	string	No	Specific profession. E.g. "Web developer", "Doctor". AI-assisted matching.

Output

An array of job offer objects. Each object contains:

Field	Type	Description
offerId	integer	Unique offer identifier
url	string	Direct deep-link to the offer (includes UTM and trackingId)
title	string	Job title
educationLevel	object null	Required education level (id, name)
area1	object null	Primary job area (areaId, name)
profession1	object null	Primary profession (professionId, name)
area2	object null	Secondary job area (if any)
profession2	object null	Secondary profession (if any)
requirements	string	Requirements text (may contain HTML)
minExperience	integer	Minimum years of experience required
salary	object null	Salary details (salaryMin, salaryMax)
workday	object null	Workday type (full-time, part-time, etc.)
contractType	object null	Contract type (permanent, temporary, etc.)
country	object null	Country (countryId, name)
province	object null	Province/state (provinceId, name)

Field	Type	Description
requiresCountryResidence	boolean	Whether residence in the country is required
cityName	string	City name
functions	string	Job functions and responsibilities
publishedAt	string null	Publication date (ISO 8601)

MCP Protocol Flow

```

Claude                                     MCP Server (/mcp/claude)
|                                           |
|--- POST initialize -----> |
|<-- protocolVersion, capabilities --- |
|                                           |
|--- POST tools/list -----> |
|<-- [search_jobs definition] ----- |
|                                           |
|--- POST tools/call (search_jobs) --> |
|   { keyword, location, ... }           |
|                                           |
|                                     calls internal API
|                                     /api/v1.0.0/ai/jobSearch
|<-- [{ offer }, { offer }, ...] ----- |

```

Example

MCP request:

```

{
  "jsonrpc": "2.0",
  "id": 1,
  "method": "tools/call",
  "params": {
    "name": "search_jobs",
    "arguments": {
      "keyword": "backend developer",
      "location": "Madrid",
      "limit": 5,
      "area": "Technology"
    }
  }
}

```

Equivalent REST call (internal):

```

curl -X POST https://ia-connector.trabajos.com/api/v1.0.0/ai/jobSearch \
  -H "API-KEY: <key>" \
  -H "Content-Type: application/json" \
  -d '{

```

```
"clientId": "claude",
"keyword": "backend developer",
"offset": 1,
"limit": 5,
"filters": {
  "province": "Madrid",
  "area": "Technology"
}
}'
```

Location Resolution

The connector uses a two-step resolution strategy for all location and taxonomy fields:

1. **Exact match** — searches the database by exact name
2. **AI-assisted fuzzy match** — if no exact match, uses similarity scoring and LLM-assisted resolution against the full catalogue

This means users can type location and area names with typos, in different languages, or at different granularity levels — e.g. "España", "Spain", "Espagne" all resolve correctly.

Supported Markets

Country	Domain	countryId
Spain	trabajos.com	1
Mexico	trabajos.mx	160
Colombia	co.trabajos.com	40
Chile	cl.trabajos.com	30

Deep-links are automatically routed to the correct domain based on the offer's country.

Error Handling

Scenario	HTTP Status	Message
clientId, offset, or limit missing	400	"Not valid parameters"
Country not resolvable	400	"The country included is not válido"
Province not resolvable	400	"The province included is not válido"
City not resolvable	400	"The city included is not válido"
Area not resolvable	400	"The area included is not válido"
Profession not resolvable	400	"The profession included is not válido"
Unknown MCP method	200 (RPC error)	JSON-RPC -32601 Method not found
Invalid API key	401	"Invalid API Key"

Tracking

Every request (successful or not) is logged in `ia_search_tracking` with:

- `clientId`
- Full search payload (keyword + filters)
- Response time in milliseconds
- Status (`success` / `error`)
- Number of offers found (on success)

The `trackingId` embedded in each offer URL corresponds to this tracking record, enabling click-through attribution.

Contact

- **Provider:** [Hispavista S.L. — Trabajos.com](#)
- **API contact:** paul.martinez@hispavista.com
- **Website:** <https://www.trabajos.com>