MCP SERVER | NO CODE | CLOUD HOSTED

HrFlow.ai MCP

Automate Candidate Scoring & Profile Parsing

HrFlow.ai is an advanced talent acquisition MCP that connects your agent to specialized hiring intelligence. It handles everything from ingesting unstructured data like resumes to running complex matching algorithms, allowing you to search candidates and jobs using semantic filters. You can automatically score applicants against specific job requirements or analyze a candidate's full career path with natural language queries.

A+ Quality Score 100/100

resume-parsing | talent-acquisition | semantic-search | candidate-scoring | hiring-automation

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vinkius.com/mcp/hrflowai

SCAN TO VIEW

The infrastructure that powers AI agents in the real world.

Vinkius connects AI to the world's software through secure, enterprise-grade infrastructure — enabling real-world execution at scale, built on the Model Context Protocol (MCP).

Your AI Connections Run Through Vinkius Cloud

The world's largest managed MCP catalog

Vinkius is the cloud infrastructure where AI agents connect to the software your business already runs. We handle the hosting, the security, the credentials, the uptime — you get agents that actually do things.

We operate the world's largest managed MCP catalog. Major SaaS platforms, CRMs, databases, and cloud providers — running, monitored, production-ready. This MCP server is hosted and maintained by the Vinkius Cloud for AI Agents.

> *The agent doesn't manage credentials, doesn't manage uptime, doesn't manage security. Vinkius does.*
>
> — Architecture principle

Four Pillars of the Vinkius Runtime

01 — Security by design

Credentials stay encrypted at rest via AES-256. The AI agent never touches raw keys — they're injected into a sandboxed V8 isolate at runtime. Actions are logged, and connections have an emergency kill switch.

02 — Built on MCP Fusion

This MCP server was built with **MCP Fusion**, the open-source framework (Apache 2.0) that powers the entire Vinkius catalog. Schema-as-firewall strips undeclared fields, compiled PII redaction runs at zero overhead, and cryptographic lockfiles produce git-diffable audit trails.

03 — Deterministic observability

Eight immutable metrics per endpoint: request volume, p95 latency, error rate, active connections, cost attribution. A live payload feed logs every tool call with mutation detection.

04 — Autonomous operations

Servers are deployed, monitored, and patched autonomously. New capabilities and security patches ship weekly. Zero-downtime deployments ensure continuous availability across all managed MCP servers.

AES-256	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	Sandboxed execution

One Token. Instant Access.

Every MCP server on Vinkius is accessed through a **Connection Token**. Tokens are generated in the cloud dashboard and produce a unique MCP endpoint URL. Paste this URL into any MCP-compatible client — no SDK required.

A single token can serve **multiple AI clients simultaneously**, or you can issue separate tokens per client for granular access control. Each token tracks its own request count, last activity timestamp, and can be individually enabled or revoked.

MCP ENDPOINT

```
https://edge.vinkius.com/{token}/mcp
```

Claude · Cursor · VS Code · Windsurf · Grok · Gemini

Security Is the Architecture

Security in Vinkius is not a feature — it's the foundation of the runtime. The gateway enforces multiple independent protection layers between AI agents and third-party APIs.

01 — Ed25519 PKI Vault

Every workspace has an Ed25519 Master Key. Session keys are generated ephemerally (24h TTL) and signed by the Master Key. Credentials never leave the vault boundary.

02 — V8 Isolate Sandboxing

Tool code runs inside isolated-vm V8 isolates with 64 MB memory caps and per-request timeouts. No filesystem access, no network access except through the SSRF-guarded fetch bridge.

03 — SSRF Guard

All outbound HTTP requests are DNS-resolved and validated before execution. Private IP ranges (10.x, 172.16-31.x, 192.168.x, AWS metadata 169.254.x) are blocked at the network layer.

04 — DLP & PII Redaction

A ResponseGuard pipeline intercepts every tool response. Configurable redaction patterns strip sensitive fields (emails, SSNs, card numbers) before data reaches the AI agent.

05 — Cryptographic Audit Trail

Every request is signed into a SHA-256 hash chain with Ed25519 signatures. Events form a tamper-proof, SIEM-exportable forensic record.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken is used outside Vinkius infrastructure, the server is quarantined instantly.

Emergency Kill Switch

EU AI Act Art. 14(1) Compliant

The kill switch is an **emergency halt** mechanism — not a simple toggle. When triggered, it executes three actions atomically:

01 — Server deactivated

The MCP server is immediately taken offline across the entire cluster.

02 — All tokens revoked

Every connection token is invalidated. Total lockout — reconnection blocked until new tokens are issued.

03 — WebSocket connections killed

Active connections terminated via Redis pubsub broadcast. Propagates to every runtime node in the cluster.

Full Visibility. Zero Guesswork.

The Vinkius cloud dashboard includes a full MCP Governance suite — real-time analytics and security controls for production AI operations.

Control Plane

KPI dashboard with request volume, latency, success rate, token consumption, and AI-generated operational briefings.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

Incident Log

Error trends, failure rates, status-code breakdowns, and forensic audit trail access.

> Get started at **cloud.vinkius.com** — connect your AI agent in under 60 seconds.

HrFlow.ai MCP

10 tools available
Cloud-hosted on Vinkius

Recruiting used to be slow, relying on keyword searches and manual review of PDFs. This MCP changes that. It lets your agent ingest raw resumes into structured profiles instantly, turning messy documents into usable data points. You can then search across large candidate databases or job listings using semantic filters, meaning you don't just find people with the right keywords; you find people who *do* the right work.

Need to know if a candidate is good for a specific role? The MCP scores profiles against job descriptions automatically. If you want deeper insight into a single person, it can even analyze their entire career trajectory and answer questions about them in plain language. Connecting this MCP through Vinkius gives your agent access to industry-leading tools designed specifically to automate the most tedious parts of hiring. It’s built to handle the full lifecycle: from initial application parsing all the way through candidate scoring and job matching.

Core Capabilities

01 — Analyze Candidate Profiles

Ask natural language questions about a specific candidate's stored profile data.

02 — Process Resumes into Data

Takes an unstructured resume file and converts it into a clean, structured digital profile.

03 — Match Candidates to Jobs

Scores multiple candidate profiles against the requirements of specific job descriptions.

04 — Search Job Markets

Searches for open jobs using advanced semantic filters, finding matches beyond simple keyword hits.

05 — Deep Dive on Career History

Analyzes a profile to map and describe the candidate's full career path and progression.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/hrflowai** — connect your AI agent in three steps.

01 First, use `parse_profile` to upload raw resumes or documents. This turns unstructured text into structured, machine-readable candidate profiles.

02 Next, your agent can select the necessary tools—like `search_profiles` or `score_profiles`—to run targeted queries against those newly structured records.

03 Finally, you receive actionable data: a list of matching jobs, a score indicating fit, or specific answers to your natural language questions.

The bottom line is, instead of spending hours on manual review and copy-pasting, your agent gets instant, structured intelligence about talent readiness.

Built For

Talent Acquisition Specialists, HR Operations Managers, and Recruiting Directors. If you spend time manually cross-referencing resumes against job specs or writing complex database queries just to find a candidate's experience with 'Kubernetes,' this MCP is for you.

Recruiter

Uses `list_profiles` and `search_profiles` to quickly narrow down hundreds of applicants, then uses `ask_profile` to verify niche skills without opening dozens of documents.

HR Operations Manager

Runs bulk scoring jobs using `score_profiles`, feeding the results back into tracking sheets to identify high-potential candidates for immediate outreach.

Talent Strategist

Employs `unfold_profile` and `list_sources` to map talent pipelines, understand where top candidates come from, and plan long-term hiring strategy.

What Changes When You Connect

01 Stop guessing if a candidate is right for the job. Use `score_profiles` to automatically compare profiles against specific job descriptions, giving you an immediate fit percentage.

02 Never manually type out data from resumes again. The `parse_profile` tool ingests any resume file and spits out clean, structured data ready for matching and searching.

03 Find talent faster by using semantic search. Instead of just listing skills, use `search_profiles` to find candidates who demonstrate the *behavior* you need.

04 Get instant career context. The `unfold_profile` tool builds a narrative map of a candidate's entire professional journey, perfect for executive roles.

05 Streamline your pipeline by automatically querying profiles. Use `ask_profile` to answer specific, complex questions about a candidate without needing full visibility into their history.

Real-World Applications

Filtering out the noise after high volume applications

A Recruiter receives 500 resumes. Instead of reading all 500, they connect HrFlow.ai and use `score_profiles` against a master job description. The agent returns only the top 20 candidates who exceed an 85% fit score, letting them focus their time immediately.

Determining if a candidate's background is relevant

A Hiring Manager receives a profile for a senior developer. They use `unfold_profile` to map the career path. The agent doesn't just list jobs; it describes the trajectory, helping the manager see potential skill gaps or unexpected pivots.

Finding niche expertise in a massive database

The HR Ops team needs someone with specific experience (e.g., 'Quantum Computing'). They use `search_profiles` with semantic filters, bypassing keyword limitations and finding candidates who mention related concepts.

Getting immediate answers on a candidate's skills

A Recruiter finds an interesting profile but needs to confirm if the person knows 'Kubernetes'. They use `ask_profile` with natural language, and the agent analyzes the data and provides a direct answer in seconds.

Patterns to Avoid

Treating it like a simple keyword search

✗ AVOID

Searching for 'Python developer' and only getting people who list that exact phrase, missing those whose experience is described as 'Django backend work.'

✓ INSTEAD

Use `search_profiles`. Semantic filtering understands the relationship between concepts. Instead of searching keywords, you ask your agent to find profiles related to 'building high-traffic APIs with Python frameworks.'

Ignoring unstructured data in resumes

✗ AVOID

Having a PDF resume that contains detailed project work but failing to capture it because the system only looks for bullet points.

✓ INSTEAD

First, run `parse_profile` on the document. This tool specifically handles messy file formats and converts all text into structured fields your agent can query.

Over-relying on manual job board listings

✗ AVOID

Having to manually check 10 different job boards every week to see if a certain type of role opened up.

✓ INSTEAD

Use `search_jobs` with semantic filters. It checks across multiple configured sources and finds roles that match your ideal profile, saving you the time of visiting dozens of sites.

The Right Fit

Use this MCP if your pain point involves converting unstructured human data (like resumes) into structured intelligence for comparison or search. You need to know *how* a candidate fits a role, not just that they have matching keywords. If you are building an agent pipeline focused on talent acquisition, scoring, parsing, and deep profile analysis, this is the tool. Don't use it if your primary

need is basic database CRUD operations—if all you need to do is list all user IDs or update a single field, a general database connector will work fine. But when the task involves matching complex professional experience (e.g., comparing 'Product Management' skills across different industries), this MCP handles that reasoning layer.

The resume review process eats up entire days.

Right now, a single candidate application means opening a PDF, reading the work experience section, copy-pasting key skills into an ATS (Applicant Tracking System), and then comparing those manual notes against your internal job requirements. Doing this for ten candidates takes hours of tedious cross-referencing.

With HrFlow.ai, that entire process collapses into one query. You upload the resume once, and the MCP handles the parsing, structuring, and scoring automatically. What you get is a clean data report showing exactly where they stand against your job criteria.

HrFlow.ai: Structured Candidate Data, Delivered.

The biggest manual steps that vanish are the initial parsing and the comparison matrix. You don't have to write custom scripts to extract skills; you just run `parse_profile`. And instead of creating a spreadsheet comparing 10 candidates on 5 metrics, you let your agent use `score_profiles`.

The difference is that today, talent intelligence is siloed across messy files and manual effort. Now, it’s immediate, actionable data flowing straight into your workflow.

HrFlow.ai: 10 Tools for Talent Acquisition

These tools allow your agent to perform the entire hiring workflow: parsing files, searching databases, scoring candidates, and answering questions about professional profiles.

#	TOOL	DESCRIPTION
01	`ask_profile`	Answers a natural language question about a specific candidate's stored profile details.
02	`list_boards`	Retrieves a list of all job boards currently managed within the HrFlow system.
03	`list_jobs`	Shows all current job postings that are stored in your configured HrFlow boards.
04	`list_profiles`	Retrieves a list of every candidate profile stored within the HrFlow system.
05	`list_sources`	Provides a comprehensive list detailing all sources where candidate profiles were originally found.
06	`parse_profile`	Takes an uploaded resume file and converts its content into a structured, searchable digital profile.
07	`score_profiles`	Compares candidate profiles against specific job requirements and generates a quantifiable score of fit.
08	`search_jobs`	Finds relevant open positions using semantic filters that understand context, not just keywords.
09	`search_profiles`	Searches the entire candidate database using advanced semantic filters to find profile matches quickly.
10	`unfold_profile`	Analyzes a candidate's career history and generates a detailed narrative of their professional path.

See It in Action

Real prompts you can use once this MCP is connected to your AI agent through Vinkius Cloud.

U List the last 5 profiles added to my HrFlow source.

I'll fetch the latest profiles for you.

U Ask profile key 'abc-123' if they have experience with Kubernetes.

I'll analyze the candidate's profile and answer your question.

U Find jobs that match candidate 'john-doe-key'.

I'll use semantic search to find matching jobs for this candidate.

Frequently Asked Questions

01 **How do I use HrFlow.ai to find profiles with specific technical skills?**

You should use `search_profiles` with semantic filters. This allows you to search for concepts, like 'experience building microservices,' rather than just searching for the literal word 'microservice.'

02 **Does HrFlow.ai handle non-English resumes?**

The `parse_profile` tool is designed to ingest and structure various document types, including multiple languages. While best results come from clear formatting, it handles the conversion into structured data.

03 **Can HrFlow.ai tell me why a candidate scored low?**

Yes, after running `score_profiles`, your agent can be prompted to analyze the mismatch. It helps explain which specific job requirements were not met by the profile data.

04 **What is the difference between list_jobs and search_jobs?**

`list_jobs` shows you every job that is currently stored in your HrFlow boards. `search_jobs`, however, lets you actively find new or relevant jobs using semantic filters based on criteria.

05 **Is HrFlow.ai only for US-based candidates?**

No. The MCP is designed to handle global talent acquisition pipelines. Its tools are built around parsing and comparing diverse professional histories, regardless of geography.

Go Live in 60 Seconds

Get your connection token from **cloud.vinkius.com**, then paste the endpoint URL into any MCP-compatible client.

YOUR MCP ENDPOINT

```
https://edge.vinkius.com/[TOKEN]/mcp
```

CLIENT	WHERE TO CONFIGURE
Claude AI	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
Cursor	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
VS Code	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add `"hrflowai": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → Add endpoint URL
ChatGPT	Settings → Tools & plugins → Add MCP server → Paste endpoint
Gemini	Extensions → Add MCP Server → Paste endpoint URL

ASK AN AI ABOUT THIS

Let your preferred AI explain this MCP server

- Ask ChatGPT
- Ask Claude
- Ask Perplexity
- Ask Gemini
- Ask Grok

READY TO CONNECT

HrFlow.ai is live on Vinkius Cloud.

Get your connection token, paste it into your AI agent, and start building. No SDK. No deployment. Just results.

Start at cloud.vinkius.com →

vinkius.com · support@vinkius.com

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