

MCP SERVER

NO CODE

CLOUD HOSTED

# DevSkiller MCP for AI Agents

## Manage Candidate Technical Assessments and Skill Tracking

DevSkiller lets your AI agent handle the technical hiring lifecycle. You can search candidate profiles, list available tests, track who got invited to a challenge, and pull full assessment reports with granular skill scores. It puts complex talent screening workflows right into your conversation.

**A+** Quality Score 100/100

technical-screening

talent-assessment

hiring-automation

skill-testing

candidate-pipeline

coding-assessments



# The connectivity layer between AI and the world's software.



Vinkius sits between AI and every application. All communication passes through Vinkius Cloud via the Model Context Protocol (MCP) — with governance, observability, and security at every layer.

# Your AI Connections Run Through Vinkius Cloud

The world's largest  
managed MCP catalog

Vinkius is the connectivity layer where AI connects 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

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## 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.

### 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.

### 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.

### 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**

Encryption at rest

**Ed25519**

PKI vault signatures

**24h TTL**

Ephemeral session keys

**V8 Isolate**

Sandboxed execution

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## 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

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## 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.

### 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.

### 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.

### 06 — Honeypot Trap System

Phantom credentials are injected into isolated environments. If a honeypot 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.

**FinOps**

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

**Firewall & DLP**

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

**Agent Activity**

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

**Tool Health**

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

**Incident Log**

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

Get started at [cloud.vinkius.com](https://cloud.vinkius.com) — connect your AI agent in under 60 seconds.

# DevSkiller MCP

10 tools available

Cloud-hosted on Vinkius

Need to manage candidates and assessments without leaving your chat client? DevSkiller connects the technical screening platform directly into your AI workflow. Your agent can now handle the entire candidate pipeline—from initial search to final score review. Instead of logging into a separate portal, you simply ask for what you need. You can list all candidates or find specific people by name and email address. Need status updates? DevSkiller allows you to monitor sent test invitations and track current progress in real time. For deep dives, your agent pulls detailed reports, giving you full assessment scores across various skills. This level of operational control makes managing technical talent assessments much simpler. By connecting this MCP via Vinkius, you keep all candidate data and scoring visible within one conversation.

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## Core Capabilities

### 01 — Search and view candidate details

Find specific applicants by name or email address and pull up their complete professional profiles.

### 03 — Retrieve full assessment reports

Pull detailed performance data for any candidate, including granular skill scores and metrics.

### 05 — List available assessment tests

Review the entire catalog of technical tests, quizzes, and coding tasks configured in your system.

### 02 — List all candidates in the system

Get a comprehensive list of every candidate currently recorded in your DevSkiller account.

### 04 — Send new test invitations

Quickly send a formal test invitation to a specific candidate.

### 06 — Monitor test invitations status

See a list of all sent test invites and their current completion or failure statuses.

# One Click on Vinkius — From Prompt to Execution

Available at [vinkius.com/mcp/devskiller](https://vinkius.com/mcp/devskiller) — connect your AI agent in three steps.

- 01** First, connect the DevSkiller MCP to your preferred AI client using an API key found in your account settings.
- 02** Next, authorize access so your agent can read and write candidate data directly within the platform's ecosystem.
- 03** Then, instruct your agent via natural conversation. You tell it exactly what you need—like 'Show me candidates who scored above 85%'—and it executes the required actions.

The bottom line is that DevSkiller lets you run complex talent screening operations through simple chat commands.

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## Built For

Tech Recruiters and Talent Acquisition Teams need this MCP. It solves the problem of switching between an Applicant Tracking System (ATS) and a separate assessment platform just to check a score or send an invite. Hiring Managers benefit by getting immediate, actionable performance reports directly in their chat window.

### Technical Recruiter

Uses DevSkiller to quickly search for specific candidates and track the status of multiple test invitations while on the move.

### Hiring Manager

Relies on this MCP to pull detailed assessment reports and skill breakdowns immediately after a candidate completes a technical evaluation.

### Talent Acquisition Lead

Manages the entire hiring funnel by listing candidates, reviewing available tests, and sending bulk test invitations during planning cycles.

## What Changes When You Connect

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- 01 Instantly check candidate scores: Instead of searching multiple dashboards, your agent uses the `list_high_score_candidates` tool to immediately flag top performers.

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  - 02 Deep performance review with one command: Use `get_candidate_assessment_report` to get full skill breakdowns and metrics without manual data export.

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  - 03 Streamlined onboarding: Your agent handles sending new tests using `invite_candidate_to_test`, providing confirmation and next steps instantly.

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  - 04 Faster candidate identification: The `search_candidates_by_identity` tool lets you pinpoint a person by name or email, cutting down on manual database searches.

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  - 05 Full pipeline visibility: By listing all candidates ( `list_assessment_candidates` ) and monitoring invitations ( `list_test_invitations` ), you maintain total oversight of your recruiting funnel.
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## Real-World Applications

### Identifying top-tier talent quickly

A hiring manager needs to know who scored highly without digging through months of data. They ask their agent, and it uses the ``list_high_score_candidates`` tool to provide a list of candidates above 85%, allowing immediate follow-up.

### Checking on a specific applicant's progress

A recruiter needs an update on a job candidate. They ask the agent to 'Show me John Doe's report,' and it uses ``get_candidate_assessment_report`` to deliver precise skill scores in seconds.

### Onboarding new roles with standardized tests

The talent team plans for a new role. They use the agent to review ``list_available_tests`` and then immediately use ``invite_candidate_to_test`` to enroll all relevant candidates.

### Auditing recent outreach efforts

A team lead needs to confirm who received invites yesterday. They ask the agent to check 'recent invitations,' and it executes a function similar to ``list_recently_sent_invitations`` to verify outreach.

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## Patterns to Avoid

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### Manually tracking candidate statuses

#### X AVOID

A recruiter spends an hour logging into the DevSkiller portal, checking status lists, and updating a separate spreadsheet with 'In Progress' or 'Completed.'

#### ✓ INSTEAD

Instead, ask your agent to ``list_test_invitations``. It reads all the status updates in real time and gives you one clean list without any manual data entry.

### Searching for candidates by multiple methods

#### X AVOID

A manager tries searching a database using email, then switching to a separate form search using their name, resulting in conflicting or missed records.

#### ✓ INSTEAD

Use ``search_candidates_by_identity``. You can give your agent both the name and email keyword in one prompt, guaranteeing you find the correct record every time.

### Forgetting to review test catalog options

#### X AVOID

A team uses outdated or generic assessment tests because they couldn't easily see what was available or configured.

#### ✓ INSTEAD

Use ``list_available_tests`` to pull the entire, current library of technical challenges. This ensures every candidate is measured using your best and most up-to-date tools.

## The Right Fit

You should use this MCP if your main bottleneck is manually transitioning data between an ATS (Applicant Tracking System) and a dedicated assessment platform. If you need to routinely list candidates, check scores against thresholds, or trigger test invitations based on conversations, DevSkiller is built for that workflow. Don't use it if your primary goal is just storing general HR documents; for those, a standard document management system will suffice. Also, don't expect the agent to write personalized cover letters—it handles data and status updates. It only works with candidate profiles, reports, and test tracking tools like `get_candidate_profile` or `list_assessment_candidates`.

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## DevSkiller MCP for AI Agents: Managing Candidate Technical Assessment Workflows

Right now, managing technical hiring is a mess of clicks. You might start in your ATS to find candidate names, then switch tabs to manually check if they completed the test, and finally jump to another system just to pull the actual score report for review. It's slow, error-prone, and you lose context between steps.

With DevSkiller connected through an AI agent, that entire process collapses into a single conversation. You simply ask your agent to check 'Alice Johnson's performance,' and it pulls all the necessary data—profile details, test completion status, and granular scores—and presents it back immediately.

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## DevSkiller MCP for AI Agents: Tracking Candidate Progress and Invitations

The most tedious parts are tracking who received an invite and when they might submit. You have to remember if you sent the test, which one it was, and what the status is (sent, viewed, failed). This requires constant cross-referencing.

Now, your agent handles all that tracking for you. It can list every invitation ever sent or just give you a snapshot of recent activity. You get real-time confirmation on progress without opening a single portal.

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# DevSkiller: 10 Tools for Candidate Assessment Data

Use these tools to manage everything from listing available tests to pulling detailed assessment reports for any candidate.

#	TOOL	DESCRIPTION
01	<code>get_account_metadata</code>	Retrieves operational metadata and usage limits for your DevSkiller account.
02	<code>get_candidate_profile</code>	Fetches detailed professional information for a specific candidate by their unique identifier.
03	<code>get_candidate_assessment_report</code>	Pulls the complete and detailed assessment report, including performance metrics, for any given candidate.
04	<code>invite_candidate_to_test</code>	Sends a new test invitation to a specified candidate's email address.
05	<code>list_assessment_candidates</code>	Generates a list containing every active and past candidate in your DevSkiller account.
06	<code>list_test_invitations</code>	Lists all test invitations that have been sent out, along with their current status (e.g., pending, completed).
07	<code>list_recently_sent_invitations</code>	Retrieves a list of test invitations that were dispatched within the last 24 hours.
08	<code>list_available_tests</code>	Lists every assessment type, coding task, or quiz configured and ready to be used in your system.
09	<code>list_high_score_candidates</code>	Identifies and lists candidates who achieved a score above a specific percentage threshold you define.
10	<code>search_candidates_by_identity</code>	Searches for candidate records using keywords from their name or email address.

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## See It in Action

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

**U** List all candidates who scored above 85% in the last month.



I found three top performers:

1. **Alice Johnson:** 92% (Senior Backend Developer)
2. **Bob Miller:** 88% (Frontend React)
3. **Kenji Tanaka:** 86% (Cloud Architecture)

Do you want me to retrieve the full detailed report for Alice?

**U** What is the current status for John Doe?



**Assessment Status: In Progress**

- **Test:** Senior Backend Developer
- **Tasks Completed:** 2 of 3
- **Time Remaining:** 15 minutes

I'll notify you when he submits his final result. Should I set that alert up?

**U** Send a test invite to Sarah Smith for the React role.



**Success!**

A test invitation was successfully sent to Sarah Smith (sarah@example.com) for the 'Frontend React' test (ID: FR-101). She should receive an email shortly with instructions.

Would you like me to track her progress or list any other candidates?

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# Frequently Asked Questions

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## 01 How does the DevSkiller MCP help me manage candidate assessments?

The DevSkiller MCP lets you run complex talent screening workflows directly through your AI agent. You can search for candidates, review their detailed skill reports, and track their test progress without leaving your chat application.

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## 02 Can I use the DevSkiller MCP to find high-scoring candidates?

Yes. You can ask your AI agent to list only candidates who scored above a specific percentage threshold, making it easy to pinpoint top talent quickly and efficiently.

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## 03 What if I need to send out new tests through DevSkiller MCP?

Your agent handles this by sending test invitations directly. You just tell it who needs the invite for which role, and it sends the official notification and tracks its status.

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## 04 Is DevSkiller MCP useful if I'm a technical recruiter?

Absolutely. It lets you quickly search candidate profiles by name or email address to get an instant snapshot of their skills, saving massive amounts of time in your daily pipeline management.

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## 05 Does DevSkiller MCP help with testing different roles?

Yes. You can list all available tests and use them to send invitations for various roles, ensuring you always measure candidates against your current standards.







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# Go Live in 60 Seconds

Get your connection token from [cloud.vinkius.com](https://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
 <b>Claude AI</b>	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
 <b>Cursor</b>	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
 <b>VS Code</b>	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"devskiller": { "url": "..."} </code>
 <b>Windsurf</b>	MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL
 <b>ChatGPT</b>	Settings → Tools & plugins → Add MCP server → Paste endpoint
 <b>Gemini</b>	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

# DevSkiller 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](https://cloud.vinkius.com) →

[vinkius.com](https://vinkius.com) · [support@vinkius.com](mailto:support@vinkius.com)

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