

AI Naukri Job Finder Agent

The Complete Guide to Automated Job Hunting

How It Works: The Magic Behind the Scenes

1. Resume Upload Trigger

Action: Upload your CV to a specific Google Drive folder

What happens: This simple action kicks off the entire workflow automatically

2. AI-Powered CV Parsing

Technology: OpenRouter / Any AI model (Gemini API for Free)

Process: Extracts:

- Technical skills and certifications
- Job titles and roles
- Years of experience
- Industry expertise
- Location preferences
- Salary expectations

3. Smart Job Scraping

Tool: Apify LinkedIn Jobs Scraper + Apify Naukri Scraper

Process: Searches LinkedIn Jobs using your extracted parameters:

- Job titles matching your experience
- Required skills from your resume
- Location preferences
- Experience level filters

4. AI Job Matching ⚡

Technology: OpenAI / OpenRouter / Google Gemini

Process:

- Evaluates each job against your resume

- Calculates match percentage (0-100%)
- Filters out low-quality matches (<70%)
- Ranks jobs by relevance

5. Contact Intelligence

Tool: Hunter.io API

Process:

- Identifies hiring managers/recruiters
- Finds verified email addresses
- Provides confidence scores for emails

6. Personalization Engine

Output: Generates personalized outreach including:

- Customized cover letter draft
- Tailored email templates
- LinkedIn connection messages
- Application tracking spreadsheet

Tools & Costs Breakdown

Tool	Purpose	Cost	Free Tier
n8n	Workflow automation	FREE	Unlimited
OpenAI/OpenRouter	AI processing	~\$0.01-0.05/job	Free credits available
Google Gemini	Alternative AI	FREE	Generous limits
Apify	LinkedIn scraping + Naukri.com	\$5 free credit	5,000 jobs free
Google Drive	File storage	FREE	15GB included
Hunter.io	Email finding	50 emails free	Monthly reset
Perplexity	Enhanced search	Paid API	Limited free tier
Google Sheets	Data output	FREE	Unlimited

Phase 1: Setup (15 minutes)

1. Create n8n account (free) or Self-host n8n for free ([watch here](#))
2. Set up Google Drive folder for resume uploads
3. Create Google Sheets for output
4. Get API keys for chosen services
5. Copy paste the JSON given below in a new n8n workflow

Phase 2: Workflow JSON

<https://docs.google.com/document/d/1cim6aCPgGJgQ6u5ntk0n-fncEd-nvxAl5tjRNzS4mQw/edit?usp=sharing>

Sample Output Structure

Your Google Sheet will contain:

Column	Description	Example
Job Title	Position name	"Senior Frontend Developer"
Company	Hiring company	"TechCorp Inc."
Location	Job location	"San Francisco, CA"
Match Score	AI relevance (%)	"92%"
Apply Link	Direct application URL	linkedin.com/jobs/12345
Salary Range	Compensation info	"\$120k - \$150k"
Contact Email	Hiring manager email	" john@techcorp.com "
Outreach Draft	Generated email	"Hi [Name], I noticed..."
Status	Application tracking	"Applied / Pending / Interview"