

[Job Search documentation](https://cloud.google.com/talent-solution/job-search/) (https://cloud.google.com/talent-solution/job-search/)

[Documentation](#)

Job Search launch checklist

The first 3 sections apply to all Job Search use cases. Specific instructions tailored to different applications of Job Search are available in section 4.

1. Prepare

- Identify your business goals and the key metric(s) to track during setup and testing.
- Download the [client libraries](https://cloud.google.com/talent-solution/job-search/docs/libraries) (https://cloud.google.com/talent-solution/job-search/docs/libraries) in the language of your choice.
- Create an architecture summary. Include:
 - An overall architecture diagram.
 - A summary of process flows outlining:
 - Creating jobs and companies.
 - Updating jobs.
 - Latency.
 - Maintenance efforts.
- Estimate your quota:
 - Estimate how frequently jobs are CUD (Created, Updated and Deleted) and how often job seekers are receiving job email alerts. There are 2 main use cases:
 - Capacity for the initial load or reload.
 - Capacity for normal operations.

- Estimate how frequently job seekers are searching for jobs:
 - Capacity at peak.
 - Capacity for normal operations.

2. Index companies and jobs

- Create Company objects:
 - Create at least one Company
(<https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/projects.companies>)
. We recommend creating Company objects for all companies in your database with open jobs.
- Create Job objects:
 - Create Jobs
(<https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/projects.jobs#Job>)
for your Companies. We recommend creating Job objects for all open jobs in your database.
- Test retrieval of Companies and Jobs:
 - Use the GET
(<https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/projects.jobs/get>)
method to ensure that created Companies and Jobs are correctly indexed by CTS.

3. Implement search and client events

- Implement basic search:
 - Implement search in your existing UI.
 - Use our how-to guides for implementation tips for basic search
(<https://cloud.google.com/talent-solution/job-search/docs/search>).
 - Implement search filters.

- Use our how-to guide for [search filters](https://cloud.google.com/talent-solution/job-search/docs/search-filters)
(<https://cloud.google.com/talent-solution/job-search/docs/search-filters>).
- Implement location search.
 - Allow job seekers to find jobs in their preferred location by enabling [location search](https://cloud.google.com/talent-solution/job-search/docs/search-location#basic_location_search-python)
(https://cloud.google.com/talent-solution/job-search/docs/search-location#basic_location_search-python)
- Implement autocomplete.
 - Improve your search UX with the CTS [autocomplete](https://cloud.google.com/talent-solution/job-search/docs/autocomplete)
(<https://cloud.google.com/talent-solution/job-search/docs/autocomplete>) feature.
- Implement [pagination](https://cloud.google.com/talent-solution/job-search/docs/search#pagination)
(<https://cloud.google.com/talent-solution/job-search/docs/search#pagination>).
 - As a best practice, we recommend returning 20 or fewer jobs per page to reduce latency in our API return.
- Enable [spell checking](https://cloud.google.com/talent-solution/job-search/docs/search#spell_checking)
(https://cloud.google.com/talent-solution/job-search/docs/search#spell_checking).
 - Return relevant results even if a job seeker mistypes a keyword.
- Implement [histograms](https://cloud.google.com/talent-solution/job-search/docs/histogram-expression)
(<https://cloud.google.com/talent-solution/job-search/docs/histogram-expression>).
 - Return the number of jobs associated with a given query.
- Implement [client events](https://cloud.google.com/talent-solution/job-search/docs/quickstart-pubsub)
(<https://cloud.google.com/talent-solution/job-search/docs/quickstart-pubsub>).
 - Add client event data to your domain to improve the relevance of your search results over time. Use our [how-to guide](https://cloud.google.com/talent-solution/job-search/docs/events)
(<https://cloud.google.com/talent-solution/job-search/docs/events>) for implementation tips.

4. Recommendations according to use cases

[JOB BOARDS](#)[STAFFING AGENCIES](#)[MORE ▾](#)

We recommend that job boards implement the following features to get the most out of Cloud Talent Solution:

- Incorporate business logic into your search results. Cloud Talent Solution allows you to return high-value job postings at the top of your search results. Consult our [best practices](https://cloud.google.com/talent-solution/job-search/docs/best-practices#configuring_the_api_custom_ranking) (https://cloud.google.com/talent-solution/job-search/docs/best-practices#configuring_the_api_custom_ranking) and determine which of the following options makes the most sense for your business needs:
 - [Featured Jobs](https://cloud.google.com/talent-solution/job-search/docs/featured-jobs) (https://cloud.google.com/talent-solution/job-search/docs/featured-jobs): Highlight important jobs at the top of your search results based on your assigned promotional value.
 - [Custom ranking](https://cloud.google.com/talent-solution/job-search/docs/custom-ranking) (https://cloud.google.com/talent-solution/job-search/docs/custom-ranking) : Highlight jobs based on multiple variables rather than a single variable. This option is most useful for applications with multi-tiered Cost-per-Click subscriber systems.
- [Commute Search](https://cloud.google.com/talent-solution/job-search/docs/search-commute) (https://cloud.google.com/talent-solution/job-search/docs/search-commute): Allow your customers to search for jobs based on their commute preferences.
- [Email alerts](https://cloud.google.com/talent-solution/job-search/docs/email-alerts) (https://cloud.google.com/talent-solution/job-search/docs/email-alerts): Power your email campaigns with the same relevant results your users get from searching. See the [Email alerts implementation guide](https://cloud.google.com/talent-solution/job-search/docs/email) (https://cloud.google.com/talent-solution/job-search/docs/email) for details.

Best practices

For a more details on the features and parameters listed here, see our [best practices](https://cloud.google.com/talent-solution/job-search/docs/best-practices) (https://cloud.google.com/talent-solution/job-search/docs/best-practices) documentation.

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