ClientEvent

An event issued when an end user interacts with the application that implements Cloud Talent Solution. Providing this information improves the quality of results for the API clients, enabling the service to perform optimally. The number of events sent must be consistent with other calls, such as job searches, issued to the service by the client.

JSON representation

```
{
  "requestId": string,
  "eventId": string,
  "createTime": string,
  "eventNotes": string,

  // Union field event can be only one of the following:
  "jobEvent": {
    object (JobEvent (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta
  },
  "profileEvent": {
    object (ProfileEvent (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4
  }
  // End of list of possible types for union field event.
}
```

Fields

Fields	
requestId	string Strongly recommended for the best service experience. A unique ID generated in the API responses. It can be found in <u>ResponseMetadata.request_id</u> (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ResponseMetadata#FIELDS.request_id) .
eventId	string Required. A unique identifier, generated by the client application.
createTime	string (<u>Timestamp</u> (https://developers.google.com/protocol-buffers/docs/reference/google.protobuf#google.protobuf.Timestamp) format) Required. The timestamp of the event.
eventNotes	string Notes about the event provided by recruiters or other users, for example, feedback on why a profile was bookmarked.
Union field event. Required. The detail information of a specific event type. event can be only one of the following:	
jobEvent	object (<u>JobEvent</u> (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#JobEvent)) An event issued when a job seeker interacts with the application that implements Cloud Talent Solution.

Fields	
profileEvent	object (**ProfileEvent** (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#ProfileEvent)) An event issued when a profile searcher interacts with the application that implements Cloud Talent Solution.

JobEvent

An event issued when a job seeker interacts with the application that implements Cloud Talent Solution.

JSON representation
```{   "type": enum (JobEventType (https://cloud.google.com/talent-solution/job-search/docs/reference/re   "jobs": [string   ],   "profile": string }```

Fields	
type	enum (**JobEventType** (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#JobEventType)) Required. The type of the event (see **JobEventType** (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#JobEventType)).

Fields	
`jobs[]`	string Required. The <u>job name(s)</u> (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/projects.jobs#Job.FIELDS.name) associated with this event. For example, if this is an <u>impression</u> (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#JobEventType.ENUM_VALUES.IMPRESSION) event, this field contains the identifiers of all jobs shown to the job seeker. If this was a <u>view</u> (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#JobEventType.ENUM_VALUES.VIEW) event, this field contains the identifier of the viewed job. The format is "projects/{project_id}/tenants/{tenantId}/jobs/{job_id}", for example, "projects/foo/tenants/bar/jobs/baz".
`profile`	string The <u>profile name</u> (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/projects.tenants.profiles#Profile.FIELDS.name) associated with this client event. The format is "projects/{project_id}/tenants/{tenantId}/profiles/{profile_id}", for example, "projects/foo/tenants/bar/profiles/baz".

JobEventType

An enumeration of an event attributed to the behavior of the end user, such as a job seeker.

Enums	
`JOB_EVENT_TYPE_UNSPECIFIED`	The event is unspecified by other provided values.

Enums	
IMPRESSION	The job seeker or other entity interacting with the service has had a job rendered in their view, such as in a list of search results in a compressed or clipped format. This event is typically associated with the viewing of a jobs list on a single page by a job seeker.
VIEW	The job seeker, or other entity interacting with the service, has viewed the details of a job, including the full description. This event doesn't apply to the viewing a snippet of a job appearing as a part of the job search results. Viewing a snippet is associated with an impression (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#JobEventType.ENUM_VALUES.IMPRESSION)).
VIEW_REDIRECT	The job seeker or other entity interacting with the service performed an action to view a job and was redirected to a different website for job.
APPLICATION_START	The job seeker or other entity interacting with the service began the process or demonstrated the intention of applying for a job.
APPLICATION_FINISH	The job seeker or other entity interacting with the service submitted an application for a job.
APPLICATION_QUICK_SUBMISSION	The job seeker or other entity interacting with the service submitted an application for a job with a single click without entering information. If a job seeker performs this action, send only this event to the service. Do not also send JobEventType.APPLICATION_START (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#JobEventType.ENUM_VALUES.APPLICATION_START) or JobEventType.APPLICATION_FINISH (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#JobEventType.ENUM_VALUES.APPLICATION_FINISH) events.
APPLICATION_REDIRECT	The job seeker or other entity interacting with the service performed an action to apply to a job and was redirected to a different website to complete the application.

Enums	
APPLICATION_START_FROM_SEARCH	The job seeker or other entity interacting with the service began the process or demonstrated the intention of applying for a job from the search results page without viewing the details of the job posting. If sending this event, JobEventType.VIEW event shouldn't be sent.
APPLICATION_REDIRECT_FROM_SEARCH	The job seeker, or other entity interacting with the service, performs an action with a single click from the search results page to apply to a job (without viewing the details of the job posting), and is redirected to a different website to complete the application. If a candidate performs this action, send only this event to the service. Do not also send `JobEventType.APPLICATION_START` (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#JobEventType.ENUM_VALUES.APPLICATION_START) , `JobEventType.APPLICATION_FINISH` (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#JobEventType.ENUM_VALUES.APPLICATION_FINISH) or `JobEventType.VIEW` (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#JobEventType.ENUM_VALUES.VIEW) events.
APPLICATION_COMPANY_SUBMIT	This event should be used when a company submits an application on behalf of a job seeker. This event is intended for use by staffing agencies attempting to place candidates.
BOOKMARK	The job seeker or other entity interacting with the service demonstrated an interest in a job by bookmarking or saving it.
NOTIFICATION	The job seeker or other entity interacting with the service was sent a notification, such as an email alert or device notification, containing one or more jobs listings generated by the service.
HIRED	The job seeker or other entity interacting with the service was employed by the hiring entity (employer). Send this event only if the job seeker was hired through an application that was initiated by a search conducted through the Cloud Talent Solution service.
SENT_CV	A recruiter or staffing agency submitted an application on behalf of the candidate after interacting with the service to identify a suitable job posting.

Enums	
`INTERVIEW_GRANTED`	The entity interacting with the service (for example, the job seeker), was granted an initial interview by the hiring entity (employer). This event should only be sent if the job seeker was granted an interview as part of an application that was initiated by a search conducted through / recommendation provided by the Cloud Talent Solution service.

ProfileEvent

An event issued when a profile searcher interacts with the application that implements Cloud Talent Solution.

JSON representation
| ```
{
  "type": enum (ProfileEventType (https://cloud.google.com/talent-solution/job-search/docs/referen
  "profiles": [
    string
  ],
  "jobs": [
    string
  ]
}
``` |

Fields	
type	enum (**ProfileEventType** (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#ProfileEventType)) Required. Type of event.

Fields		
profiles[]	string Required. The **profile name(s)** (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/projects.tenants.profiles#Profile.FIELDS.name) associated with this client event. The format is "projects/{project_id}/tenants/{tenantId}/profiles/{profile_id}", for example, "projects/foo/tenants/bar/profiles/baz".	
jobs[]	string The **job name(s)** (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/projects.jobs#Job.FIELDS.name) associated with this client event. Leave it empty if the event isn't associated with a job. The format is "projects/{project_id}/tenants/{tenantId}/jobs/{job_id}", for example, "projects/foo/tenants/bar/jobs/baz".	

ProfileEventType

The enum represents types of client events for a candidate profile.

Enums	
PROFILE_EVENT_TYPE_UNSPECIFIED	Default value.
IMPRESSION	Send this event when a **ProfileEvent.profiles** (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#ProfileEvent.FIELDS.profiles) was sent as a part of a result set for a CTS API call and was rendered in the end user's UI (that is, the **ProfileEvent.recruiter**).

Enums	
VIEW	The VIEW event records the action of a candidate's profile being viewed by an end user. This is critical to tracking product metrics and should be sent for every profile VIEW that happens in your system, whether the event is associated with an API call (for example, a recruiter making a request for a result set and clicking on a profile) or not (a recruiter using the system to view profile details without making a request). For a VIEW events associated with API calls, the `ClientEvent.request_id` (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#FIELDS.request_id) should be populated. If the VIEW is not associated with an API call, `requestId` (https://cloud.google.com/talent-solution/job-search/docs/reference/rest/v4beta1/ClientEvent#FIELDS.request_id) should not be populated. This event requires a valid recruiter and one valid ID in profiles.
BOOKMARK	The profile is bookmarked.