

API Integration for SIDH JobX

Version 1.0

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SIDH

Skill India Digital Hub- a state-of-the-art platform - is an integral part of India's Digital Public Infrastructure for the skilling ecosystem. Based on a mobile-first approach, the platform provides the embodiment of innovation and accessibility, designed to meet the evolving needs of India's diverse populace. Furthermore, Skill India Digital Hub is also a unified platform for all government initiatives in the skilling and entrepreneurship ecosystem – a go-to hub for citizens in pursuit of career advancement and lifelong learning. It is a journey to build a skilled, empowered, and future-ready India.

The platform's mobile-first approach adapted to the modern era's reliance on smartphones ensures uninterrupted learning and skilling experiences through multiple devices, allowing users to engage with the platform's resources anytime and anywhere. This approach and Skill India Digital Hub 's dedication to personalized discovery has opened doors to new learning possibilities. Users at Skill India Digital Hub can access a comprehensive repository of skill courses, training centres, apprenticeships, books, digital job exchanges, and more.

To harness the power of modern technology, Skill India Digital Hub not only breaks linguistic barriers by being accessible in multiple Indian languages but also seamlessly integrates features like Aadhaar-based e-KYC for registration, ensuring a robust and secure user experience. The platform's commitment towards emerging technologies including artificial intelligence and machine learning offers learners a tailored and efficient educational trajectory.

Introduction

This technical API integration guide provides detailed instructions for integration of the Skill India Digital Hub and JobX. This API Integration Guide outlines the process of connecting the SIDH with JobX, enabling seamless functionalities such as job applications, registered job seekers management, and tracking job application statuses. This integration aims to bridge the gap between skill development initiatives and employment opportunities, facilitating better job placements for skilled individuals.

It includes information on available API endpoints, authentication methods, error handling. The goal is to enable seamless data exchange between the two platforms, enhancing user experience for job seekers and employers.

Objective

The primary objective of this integration is to streamline data management by automating the

Scope

This guide encompasses the following aspects of the API integration between SIDH and JobX:

1. **Apply for Jobs:** Endpoint for job seekers to apply for available job listings.
2. **Manage Registered Job Seekers:** Access and update profiles of job seekers registered in the system.
3. **Check Job Application Status:** Retrieve the current status of job applications submitted by users.
4. **Token Management:** Secure authentication methods for accessing the APIs.
5. **Post Job Listings:** Enable employers to post new job opportunities on the platform.

Getting Started

Prerequisites

Before proceeding with the integration, ensure you have the following:

- **API Access Credentials:** Obtain necessary API keys and tokens for both the SIDH and JobX.
- **Technical Familiarity:** Understanding of RESTful API concepts and HTTP methods (PUT, POST).
- **Development Environment:** A suitable development setup (to handle API interactions).

Assumptions

Here are some common assumptions and considerations for an API documentation:

1. Must have basic programming knowledge.
2. Familiar with API concepts.
3. API is built using standard protocols (e.g., REST).

API Detailed Summary

API Endpoint URLs

Environment	API Endpoint
UAT	https://demo.nsdcijobx.com/NSDCNonProdAPI

Resource Information

The resource information is as follows:

Methods	Purpose
Response formats	JSON
Requires authentication?	Yes
Rate limited?	Null
Requests	JSON

API Catalogue

To fetch the Payload details of all the below mentioned APIs, use the Swagger URL:

[Swagger UI \(nsdcjobx.com\)](https://demo.nsdccjobx.com)

Servers- /NSDCNonProdAPI

Apply Jobs

To Apply for jobs: Allows job seekers to submit applications for available job listings.

Method	POST
API	/api/profile/ApplyJobs
End Point	https://demo.nsdccjobx.com/NSDCNonProdAPI/api/Profile/ApplyJobs
API Key	It's an open API. No Key required
Payload	<pre>{ "jobId": 0, "jobSeekerId": 0 }</pre>

Registration & Login on JobX

Authenticates users via mobile SID to obtain an access token for the registered candidate profile to share on the job X portal for the registration and login of the candidate profiles

Method	POST
API	/api/Token/AuthMobileSID
End Point	https://demo.nsdccjobx.com/NSDCNonProdAPI/api/Token/AuthMobileSID
API Key	It's an open API. No Key required
Payload	<pre>{ "first_Name": "string", "loginName": "string", "loginPassword": "string", "mobile_Number": "string", "stateName": "string", "districtName": "string", "gender": "string", "resistration_Source": "string", "pwdType": "string", "pwdCategory": "string", "qualification": "string", "uG_Course_Name": "string", "specialization": "string" }</pre>

Job Application Status

Retrieves the status of a job application submitted by the candidate

Method	POST
API	/api/Token/AuthJobApplicationStatus
End Point	https://demo.nsdccjobx.com/NSDCNonProdAPI/api/Token/AuthJobApplicationStatus
API Key	It's an open API. No Key required
Payload	{ "jobSeekerId": 45xxxx }

Post Your Job

Allows employers to post new job listings

Method	POST
API	/api/Token/PostYourJob
End Point	https://demo.nsdccjobx.com/NSDCNonProdAPI/api/Token/PostYourJob
API Key	zyEvxNLe2CeKESaJm9E2IFdITU536T/9BttbzSANCL1A623IV8AfhbBiA7Z5WaTrhas context menu
Payload	{ "employerId": 0, "jobTitle": "string", "jobType": "string", "location": "string", "functionalityArea": "string", "jobExperience": "string", "salaryExpect": "string", "jobDetails": "string", "createdBy": "string", "modifiedBy": "string", "requiredQualification": "string", "noofopening": 0, "salaryExpect1": "string", "jobExperience1": "string", "keywords": "string", "jobdescription": "string", "contactPerson": "string", "email": "string", "phoneNo": "string", "tradeSpecialization": "string", "gender": "string", "genderRatio": "string", "currencyType": "string", "pwdtype": "string", "pwdcategory": "string", "showContact": "string", }

```

"jobIndustryType": "string",
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"kmvenue": "string",
"kmid": "string",
"jobPostingCountry": "string",
"stateId": "string",
"stateName": "string",
"districtId": "string",
"districtName": "string",
"blockId": "string",
"blockName": "string",
"qualificationId": "string",
"qualificationName": "string",
"courseId": "string",
"courseName": "string",
"tradeId": "string",
"tradeName": "string",
"jobCountry": "string",
"languageName": "string",
"redirectionRequired": "string",
"jobUrl": "string",
"pushAPI": "string",
"valid_upto": "2024-10-06T11:40:37.218Z"
}

```

PUSH Jobs

Allows consumption of job listings from an external provider. It is designed to push job data periodically from a specified source, integrating it into SIDH. This API fetch the approved jobs from JobX to other portals.

Method	PUT
API	/api/job-scheduler/consumeJobFromProvider
End Point	https://uat-job-scheduler-service.betalaunch.in/job-scheduler/consumeJobFromProvider
API Key	It has a dynamic API keys
Payload	<pre> { "employerId": 0, "jobTitle": "string", "jobType": "string", "location": "string", "functionalityArea": "string", "jobExperience": "string", "saleryExpect": "string", "jobDetails": "string", "createdBy": "string", "modifiedBy": "string", "requiredQualification": "string", "noofopening": 0, "saleryExpect1": "string", "jobExperience1": "string", </pre>


```
"keywords": "string",
"jobdescription": "string",
"contactPerson": "string",
"email": "string",
"phoneNo": "string",
"tradeSpecialization": "string",
"gender": "string",
"genderRatio": "string",
"currencyType": "string",
"pwdtype": "string",
"pwdcategory": "string",
"showContact": "string",
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"jobPostingCategory": "string",
"kmvenue": "string",
"kmid": "string",
"jobPostingCountry": "string",
"stateId": "string",
"stateName": "string",
"districtId": "string",
"districtName": "string",
"blockId": "string",
"blockName": "string",
"qualificationId": "string",
"qualificationName": "string",
"courseId": "string",
"courseName": "string",
"tradeId": "string",
"tradeName": "string",
"jobCountry": "string",
"languageName": "string",
"redirectionRequired": "string",
"jobUrl": "string",
"pushAPI": "string",
"valid_upto": "2024-10-06T11:40:37.218Z"
}
```

Error Code

Below is the list of error codes:

Error	Error Code	Description
Bad Request	400	Invalid request parameters or body. Ensure all required fields are provided and correctly formatted
StatusInternalServerError	500	Server encountered an error. Contact support if the issue persists
Unauthorized	401	The API key provided was invalid or missing.
StatusNotFound	404	If data is not available in the database