



Version 1.0

Dt: 12-06-2026

Generic Candidate Apply Documentation

1. Overview

The Generic Apply feature allows candidates to apply for jobs through external job boards by submitting their application details, resume, and responses to questions. This functionality integrates with third-party vendors and ensures candidate application data is processed and stored successfully in the BrassRing system.

2. Environment Details

Generic Candidate Apply provides different environments for partners:

Environment	BaseURL
Staging	https://stagingjobs.brassring.com/IntegrationsAPI
US Production	https://sjobs.brassring.com/IntegrationsAPI
EU Production	https://krb-sjobs.brassring.com/IntegrationsAPI

3. Purpose

The purpose of Generic Apply is to:

- ❖ Allow candidates to apply for jobs from external platforms.
- ❖ Process candidate application data in a standardized format.
- ❖ Validate and store candidate information.
- ❖ Support resume parsing and question handling.
- ❖ Provide status and error responses for failed applications.

4. Application Flow

1. Candidate clicks the Apply button from the job board.
2. Vendor sends application payload to the Generic Apply API.
3. System validates the request payload.

4. Resume and candidate details are processed.
5. Question responses are validated.
6. Candidate profile/application is created in the database.
7. Response is sent back to the vendor with success or failure status.

5. Request Format

API Endpoint

```
POST /api/candidateapply?q={CLIENT}
```

How to Generate Signature:

Signature Generation Requirements

To generate the request signature, use the following process:

1. Convert the request payload to a UTF-8 encoded byte array.
2. Generate a digital signature using the RSA private key and the SHA-256 hashing algorithm.
3. Base64-encode the generated signature.
4. Send the Base64-encoded signature in the request header.

Input:

- Payload (request body as string)
- RSA Private Key (Base64-encoded CSP blob)

Steps:

1. Decode the private key from Base64.
2. Import the key into an RSA provider.
3. Convert the payload to UTF-8 bytes.
4. Sign the payload using RSA with SHA-256.
5. Base64-encode the resulting signature.
6. Include the signature in the request header.

Example (C#)

```
var rsa = new RSACryptoServiceProvider();
rsa.ImportCspBlob(Convert.FromBase64String(privateKey));
byte[] data = Encoding.UTF8.GetBytes(payload);
byte[] signature = rsa.SignData(
    data,
    CryptoConfig.MapNameToOID("SHA256"));
string signatureValue = Convert.ToBase64String(signature);
```

Algorithm: RSA-SHA256

Header Example:

Signature: <Base64 Encoded Signature>

The signature must be generated from the exact request payload being sent. Any change in the payload content, formatting, or encoding will result in signature validation failure.

Headers

```
{
  "Content-Type": "application/json",
  "cand-apply-signature": "generatesignature"
}
```

Sample Request Payload

```
{
  "id": "478daeeeb4e1974822404729550c46fba6966c1dd5f78d7c0cace3277f6b99df",
  "job": {
    "jobId": "18111BR"
  },
  "applicant": {
    "fullName": "Generic786 CandApply786",
    "firstName": "Generic786",
    "lastName": "CandApply786",
    "email": "GenericCandApply786@gmail.com",
```

```
"coverletter": "Cover letter of Indeed Tester for Your Company",
"resume": {
  "file": {
    "fileName": "Naveen!@#$$%^&*()_+ Resume.pdf",
    "contentType": "application/pdf",
    "data": "JVBERi0xLjc"
  }
},
"source": "Kombo",
"vendorname": "kombo",
"questionsAndAnswers": [
  {
    "question": {
      "id": "4921",
      "type": "select",
      "question": "GQ_Radiobutton",
      "required": false,
      "options": [
        {
          "value": "RD1",
          "label": "RD1"
        },
        {
          "value": "RD2",
          "label": "RD2"
        },
        {
          "value": "RD3",
          "label": "RD3"
        }
      ]
    }
  }
]
```

```

        {
            "value": "RD4",
            "label": "RD4"
        },
        {
            "value": "RD5",
            "label": "RD5"
        }
    ]
},
"answer":{
    "label": "RD1",
    "value": "RD1"
}
},
{
    "question":{
        "id": "4924",
        "type": "text",
        "question": "GQ_Text",
        "required": false
    },
    "answer": "Sample test data"
},
{
    "question":{
        "id": "4914",
        "type": "multiselect",
        "question": "GQ-Checkbox",
        "required": false,
        "options": [

```

```
        {
            "value": "Checkbox1",
            "label": "Checkbox1"
        },
        {
            "value": "Checkbox3",
            "label": "Checkbox3"
        },
        {
            "value": "Checkbox4",
            "label": "Checkbox4"
        },
        {
            "value": "Checkbox2",
            "label": "Checkbox2"
        }
    ]
},
"answer": [
    {
        "value": "Checkbox3",
        "label": "Checkbox3"
    }
]
},
{
    "question": {
        "id": "3633",
        "type": "text",
        "question": "JSQ_Encrypt_Numeric",
        "required": false,
```

```
        "format": "integer",
        "min": "0",
        "max": "100"
    },
    "answer": "95"
},
{
    "question": {
        "id": "1234",
        "type": "textarea",
        "question": "GQ_Textarea",
        "required": false
    },
    "answer": "Sample textarea test"
},
{
    "question": {
        "id": "4920",
        "type": "date",
        "question": "GQ_Date",
        "format": "dd/MM/yyyy",
        "required": true
    },
    "answer": "16/08/2026"
},
{
    "question": {
        "id": "Attachment-Category1",
        "type": "multiselect",
        "question": "Select category for your attachment",
        "required": false,
```

```
"min": "0",
"max": "4",
"options": [
  {
    "value": "292",
    "label": "Začít žádost"
  },
  {
    "value": "293",
    "label": "Naveen sensitive"
  },
  {
    "value": "294",
    "label": "SampathAttachmentFiles"
  },
  {
    "value": "295",
    "label": "Naveen2"
  },
  {
    "value": "436",
    "label": "Indeed"
  },
  {
    "value": "437",
    "label": "Aadhaar"
  },
  {
    "value": "438",
    "label": "PAN card"
  },
]
```

```
    {
      "value": "439",
      "label": "Experience Certificate"
    },
    {
      "value": "440",
      "label": "Hike letter"
    },
    {
      "value": "441",
      "label": "Educational Certificate"
    },
    {
      "value": "442",
      "label": "New attachment"
    }
  ]
},
"answer": [
  {
    "fileName": "Jpeg.jpeg",
    "contentType": "image/jpeg",
    "data":
"/9j/4AAQSkZJRgABAQAAAQABAAD/2wBDAAUDBAQEA"
  }
]
},
{
  "question": {
    "id": "Attachment-Category1-438",
    "type": "file",
```

```

        "question": "Upload PAN card documents",
        "required": false,
        "min": "0",
        "max": "4"
    },
    "answer": [
        {
            "fileName": "Jpeg.jpeg",
            "contentType": "image/jpeg",
            "data":
"/9j/4AAQSkZJRgABAQAAQABAAD/2wBDAAUDBAQEA"
        }
    ]
}

```

6. Field Validation

Field	Required	Description
id	yes	
jobId	yes	Unique AutoReq Number
fullName	no	FirstName + LastName
firstName	yes	Candidate first name
lastName	yes	Candidate last name
email	yes	Valid candidate email
coverletter	Yes, if answered by candidate.	Candidate CoverLetter
resume	Yes, if answered by candidate.	Resume file in Base64 format
source	yes	Vendor source
vendorname	yes	vendorname
questionsAndAnswers	Yes, if answered by candidate.	Candidate Question Responses

7.Supported Question Types

The following question types are supported:

- Single-select
- multiselect
- checkbox
- radiobutton
- text
- textarea
- date
- numeric