

# Sign Up

## Endpoint

**URL:** `/:projectId/auth/sign-up`

**Method:** `POST`

**Authentication Required:** No

## Description

Register a new user by providing required credentials and optional profile data. Returns access and refresh tokens along with user data.

## Request

### Body Parameters

Field	Type	Required	Description
<code>email</code>	<code>string</code>	Yes	User's email address.
<code>password</code>	<code>string</code>	Yes	User's password.
<code>name</code>	<code>string</code>	No	Full name of the user.
<code>username</code>	<code>string</code>	No	Unique username. Will be lowercased.
<code>avatar</code>	<code>string</code> (URL)	No	URL to the user's avatar image.
<code>bio</code>	<code>string</code>	No	Short biography.

Field	Type	Required	Description
<code>location</code>	<code>object</code>	No	Geolocation object with <code>longitude</code> and <code>latitude</code> .
<code>birthdate</code>	<code>string</code> (ISO date)	No	User's birthdate.
<code>metadata</code>	<code>object</code>	No	Custom public metadata.
<code>secureMetadata</code>	<code>object</code>	No	Custom secure metadata (not returned to client).

## Example Request

```
{
  "email": "jane@example.com",
  "password": "securePassword123",
  "username": "janedoe",
  "name": "Jane Doe",
  "avatar": "https://example.com/avatar.jpg",
  "bio": "Tech enthusiast",
  "location": { "longitude": -73.935242, "latitude": 40.73061 },
  "metadata": { "office": "boston" },
  "secureMetadata": { "internalId": "abc123" }
}
```

## Response

### Success Response (201 Created)

```
{
  "success": true,
  "accessToken": "<ACCESS_TOKEN>",
  "refreshToken": "<REFRESH_TOKEN>",
  "user": {
    "id": "user_123",
    "email": "jane@example.com",
    "username": "janedoe",
    "name": "Jane Doe",
    "avatar": "https://example.com/avatar.jpg",
    "bio": "Tech enthusiast",
    "location": {
```

```
    "type": "Point",
    "coordinates": [-73.935242, 40.73061]
  },
  "birthdate": "1995-01-01T00:00:00.000Z",
  "metadata": { "office": "boston" },
  "suspensions": [],
  "reputation": 0,
  "createdAt": "2024-01-01T00:00:00.000Z",
  "updatedAt": "2024-01-01T00:00:00.000Z"
}
}
```

## Error Responses

### Missing Required Fields (400 Bad Request)

```
{
  "error": "Missing required fields",
  "code": "auth/missing-fields"
}
```

### Server Error (500 Internal Server Error)

```
{
  "error": "Internal server error",
  "code": "auth/server-error",
  "details": "<Error message>"
}
```

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## Notes

- Sets an HttpOnly cookie named `replyke-refresh-jwt` with the refresh token.
- Access token is returned in the response body.
- Sensitive user data is excluded in the response.
- A webhook is called before user creation to allow project-specific validation.

