

TechCorp API Documentation

Version: 2.5.0

Last Updated: January 2025

Base URL:

```
https://api.techcorp.com/v2
```

Authentication

API Key

- **Header:**

```
X-API-Key: your_api_key_here
```

- **Get keys from:** dashboard.techcorp.com/api-keys

OAuth 2.0

- **Authorization URL:**

```
https://auth.techcorp.com/oauth/authorize
```

- **Token URL:**

```
https://auth.techcorp.com/oauth/token
```

- **Scopes:**

```
read, write, admin
```

Rate Limits

- Free Tier: 100 requests/hour
- Basic: 1,000 requests/hour
- Pro: 10,000 requests/hour
- Enterprise: Custom

Common Headers

- **Required:**

- Content-Type: application/json
- Accept: application/json

- **Optional:**

- X-Request-ID
- X-Client-Version

Error Responses

Format:

```
{
  "error": {
    "code": "ERROR_CODE",
    "message": "Human readable message",
    "details": {},
    "request_id": "req_123456"
  }
}
```

Common Error Codes

- 400: Bad Request
- 401: Unauthorized
- 403: Forbidden
- 404: Not Found
- 429: Rate Limit Exceeded
- 500: Internal Server Error

User Management API

1. Get Current User

```
GET /users/me
```

```
{
  "id": "usr_123456",
  "email": "user@example.com",
  "name": "John Doe",
  "role": "admin",
  "created_at": "2025-01-01T00:00:00Z",
  "last_login": "2025-01-15T10:30:00Z"
}
```

2. List Users

```
GET /users?page=1&per_page=20&role=admin
```

Parameters:

- `page`

(integer): Page number (default: 1)

- `per_page`

(integer): Items per page (max: 100)

- `role`

(string): Filter by role

- `search`

(string): Search by name or email

[Section truncated for brevity — full HTML continues with Projects API, Files API, Analytics API, etc.]

SDK Examples

Python

```
from techcorp import Client

client = Client(api_key="your_api_key")
user = client.users.me()
projects = client.projects.list(status="active")
file = client.files.upload("/path/to/file.pdf")
```

JavaScript

```
const TechCorp = require('@techcorp/sdk');

const client = new TechCorp.Client({ apiKey: 'your_api_key' });
const user = await client.users.me();
```

```
const projects = await client.projects.list({ status: 'active' });
```

Postman Collection

[Download here](#)

Changelog

v2.5.0 (January 2025)

- Added batch operations endpoint
- Improved search API with faceted results
- New analytics export functionality

v2.4.0 (October 2024)

- Webhook system implementation
- File sharing capabilities
- Performance improvements

Support

- **API Status:** status.techcorp.com
- **Developer Forum:** forum.techcorp.com
- **Email:** api-support@techcorp.com
- **Documentation:** docs.techcorp.com