








Credly Integration Guide

This portfolio automatically pulls professional certifications from Credly and updates them in real-time.

Features

-  Automatic fetching from Credly public API
-  Smart caching (1-hour cache with fallback to stale data)
-  Automatic categorization and styling
-  Manual refresh capability
-  Scheduled auto-updates via cron jobs
-  Fallback to static data if API fails
-  Admin panel for monitoring and control

API Endpoints

Get Certifications

```
GET /api/certifications?username=your-credly-username
GET /api/certifications?username=your-credly-username&refresh=true
```

Manual Refresh

```
POST /api/certifications/refresh
```

Cron Job Endpoint

```
GET /api/cron/refresh-certifications
```

Setup Instructions

1. Configure Credly Username

The default username is `joyson-fernandes`. To change it, update the `useCertifications` hook call in the `Certifications` component:

```
const { certifications, loading, error, lastUpdated, refetch } =
  useCertifications('your-username')
```

2. Environment Variables (Optional)

Create a `.env.local` file:

```
# Optional: Webhook authentication token
CREDLY_WEBHOOK_TOKEN=your-secret-token

# Optional: Cron job authentication
CRON_SECRET=your-cron-secret

# Optional: Show admin panel in production
SHOW_ADMIN=true
```

3. Set up Automatic Updates

Option A: External Cron Service (Recommended)

Use services like cron-job.org (<https://cron-job.org>) or [EasyCron](https://www.easycron.com/) (<https://www.easycron.com/>):

1. Create a new cron job
2. Set URL: `https://your-domain.com/api/cron/refresh-certifications`
3. Set schedule: Every hour (`0 * * * *`)
4. Add header: `Authorization: Bearer YOUR_CRON_SECRET` (if using authentication)

Option B: Vercel Cron Jobs

If deploying on Vercel, create `vercel.json` :

```
{
  "crons": [
    {
      "path": "/api/cron/refresh-certifications",
      "schedule": "0 * * * *"
    }
  ]
}
```

Option C: GitHub Actions

Create `.github/workflows/refresh-certifications.yml` :

```
name: Refresh Certifications
on:
  schedule:
    - cron: '0 * * * *' # Every hour
  workflow_dispatch:

jobs:
  refresh:
    runs-on: ubuntu-latest
    steps:
      - name: Call refresh endpoint
        run: |
          curl -X GET \
            -H "Authorization: Bearer ${ secrets.CRON_SECRET }" \
            https://your-domain.com/api/cron/refresh-certifications
```

Admin Panel

The admin panel is automatically shown in development mode. To access in production:

1. Set `SHOW_ADMIN=true` in your environment variables

2. Look for the settings icon in the bottom-right corner
3. Features:
 - Manual refresh button
 - API status monitoring
 - Cache statistics
 - Cron job testing

How It Works

1. **First Load:** Fetches certifications from Credly API
2. **Caching:** Stores results in memory cache for 1 hour
3. **Subsequent Loads:** Serves from cache if available
4. **Auto-Refresh:** Cron job updates cache every hour
5. **Fallback:** Uses static data if API fails
6. **Manual Refresh:** Users can force refresh anytime

Troubleshooting

API Not Working

1. Check if Credly username is correct
2. Ensure the profile is public
3. Check browser console for errors
4. Try manual refresh from admin panel

Cron Jobs Not Running

1. Verify cron service is configured correctly
2. Check authentication tokens
3. Test the endpoint manually
4. Review server logs

Caching Issues

1. Use `?refresh=true` parameter to force refresh
2. Clear cache via admin panel
3. Restart the application