



# Fix Authentication on Vercel - Simple Instructions

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## The Problem

Your Vercel deployment is connected to a production database that hasn't been seeded with the admin user yet. That's why you're getting "Invalid credentials" errors.

## The Solution

I've created a special API endpoint that will seed your production database. You just need to visit a URL in your browser!

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## Step-by-Step Instructions

### Step 1: Push the Latest Code to GitHub

On your Windows machine, in your project folder:

```
git pull origin main
git add .
git commit -m "Add fix-auth endpoint"
git push origin main
```

### Step 2: Wait for Vercel to Redeploy

- Go to [Vercel Dashboard](https://vercel.com/dashboard) (<https://vercel.com/dashboard>)
- Find your `ccs-lead-agent-v2` project
- Wait for the automatic deployment to complete (should take 2-3 minutes)
- You'll see a green "✓ Ready" status when it's done

### Step 3: Visit the Fix-Auth Endpoint

Once the deployment is ready:

- 1. Get your Vercel URL** from the Vercel dashboard (something like `https://ccs-lead-agent-v2-xyz.vercel.app`)
- 2. Visit this URL in your browser:**  
`https://YOUR-VERCEL-URL/api/fix-auth`  
 Replace `YOUR-VERCEL-URL` with your actual Vercel deployment URL.
- 3. You should see a JSON response** that looks like this:

```
json
{
  "timestamp": "2025-11-15T...",
  "steps": [
    {
      "id": 1,
      "label": "Step 1: Initial Setup"
    },
    {
      "id": 2,
      "label": "Step 2: Database Seeding"
    }
  ]
}
```

```

    "step": 1,
    "action": "Testing database connection",
    "status": "success",
    "message": "Database connected successfully"
},
{
  "step": 2,
  "action": "Checking existing users",
  "status": "success",
  "count": 0,
  "users": []
},
{
  "step": 3,
  "action": "Creating/Updating admin user",
  "status": "success",
  "message": "Admin user created/updated successfully",
  "userId": "...",
  "email": "dumi@ccsapparel.africa"
},
{
  "step": 4,
  "action": "Verifying password hash",
  "status": "success",
  "passwordMatch": true,
  "message": "Password verification successful! You can now login."
}
],
"success": true,
"message": "✅ Database seeded successfully! You can now login with:  
dumi@ccsapparel.africa / Dcs_BD7@"
}

```

4. Look for `"success": true` in the response

## Step 4: Login to Your App

1. Go back to your Vercel app homepage: <https://YOUR-VERCEL-URL/>
2. Click the **“Sign In”** button
3. Login with:
  - **Email:** dumi@ccsapparel.africa
  - **Password:** Dcs\_BD7@
4. You should now be logged in successfully! 🎉

## Step 5: Clean Up (IMPORTANT for Security!)

After successful login, **delete the fix-auth endpoint** to prevent unauthorized access:

```
# On your Windows machine
rm -rf app/api/fix-auth
git add .
git commit -m "Remove fix-auth endpoint after successful seeding"
git push origin main
```

## Troubleshooting

### If You See an Error Response

The JSON response will tell you exactly what went wrong. Common issues:

#### 1. Database connection failed:

- Check that `DATABASE_URL` is set correctly in Vercel environment variables
- Make sure your Neon database is active

#### 2. User creation failed:

- Check the error message in the JSON response
- Ensure your database schema is up to date (run `npx prisma db push` locally first)

#### 3. Password verification failed:

- This shouldn't happen, but if it does, contact support

### If Login Still Doesn't Work

#### 1. Clear your browser cache and cookies

#### 2. Try incognito/private mode

#### 3. Check the Vercel deployment logs:

- Go to Vercel Dashboard → Your Project → Deployments → Click on latest deployment → View Function Logs

### If You Need to Run the Fix Again

Just visit the `/api/fix-auth` endpoint again. It's safe to run multiple times - it will update the admin user if it already exists.



## What This Endpoint Does

1. **Connects to your Vercel production database** using the `DATABASE_URL` environment variable
2. **Shows you what users are currently in the database**
3. **Creates or updates the admin user** with email `dumi@ccsapparel.africa`
4. **Hashes the password** using `bryptjs` (same as your login system)
5. **Verifies the password works** by testing the hash
6. **Returns detailed diagnostics** so you know exactly what happened

## Security Note

This endpoint is **intentionally unsecured** so you can call it without being logged in (since that's the problem we're fixing!).

**IMPORTANT:** Delete the endpoint immediately after successful login to prevent unauthorized access to your database seeding functionality.

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## Success Checklist

- [ ] Code pushed to GitHub
  - [ ] Vercel redeployed successfully
  - [ ] Visited `/api/fix-auth` endpoint
  - [ ] Saw `"success": true` in JSON response
  - [ ] Successfully logged in with admin credentials
  - [ ] Deleted `/app/api/fix-auth` folder
  - [ ] Pushed cleanup commit to GitHub
- 

## Need Help?

If you're still having issues after following these steps, share:

1. The full JSON response from `/api/fix-auth`
2. Screenshots of any errors you see
3. The Vercel deployment logs

Good luck! 