✅ Final Verification Checklist for GitHub Secrets

Before You Start

This checklist ensures your Azure deployment will succeed after adding the required GitHub secrets.

🚨 Critical Missing Secrets (Must Fix)

✅ SECRET_KEY (Generated for You)

- ☑ **Secret Name:** `SECRET_KEY`
- ☑ **Secret Value:** `or7miYlGqc1vm_7zqlZBMiShAsrDB4t3fBv1O5MYMRk`
- ☐ **Action:** Add to GitHub repository secrets

❓ DATABASE_URL (You Need to Provide)

- ☐ **Secret Name:** `DATABASE_URL`
- ☐ **Secret Value:** Your Azure PostgreSQL connection string
- ☐ **Format:** `postgres://username:password@hostname:5432/database?sslmode=require`
- ☐ **Action:** Add to GitHub repository secrets

🔍 Additional Required Secrets Check

Based on your GitHub workflow, verify these secrets exist:

Core Azure Secrets

- ☐ `AZURE_RESOURCE_GROUP` - Your Azure resource group name
- ☐ `AZURE_LOCATION` - Azure region (e.g., "eastus", "westus2")
- ☐ `AZURE_CREDENTIALS` - Service principal JSON credentials

API Keys

- ☐ `OPENAI_API_KEY` - Required for AI agent functionality
- ☐ `GOOGLE_API_KEY` - Optional, but recommended for enhanced features
- ☐ `TAVILY_API_KEY` - Optional, for web search functionality

📋 Step-by-Step Action Plan

Step 1: Add Missing Secrets to GitHub

1. Go to: https://github.com/d1hawkins/AI-EventPlanner/settings/secrets/actions
2. Click **"New repository secret"** for each missing secret
3. Add the secrets listed above

Step 2: Get Your DATABASE_URL

Option A: From Azure Portal

1. Go to Azure Portal
2. Navigate to your PostgreSQL server
3. Click **"Connection strings"**
4. Copy the ADO.NET or JDBC connection string
5. Convert to PostgreSQL format: `postgres://user:pass@host:5432/db?sslmode=require`

Option B: Construct Manually

Replace these values in the template:

```
postgres://[USERNAME]:[PASSWORD]@[HOSTNAME]:5432/[DATABASE]?
sslmode=require
```

Example:

```
postgres://myuser@myserver:mypass123@myserver.postgres.database.azure.co
m:5432/eventplanner?sslmode=require
```

Step 3: Verify Your Azure PostgreSQL Setup

Your config expects these database formats (any will work):

- ✅ `DATABASE_URL` (standard PostgreSQL URL) - **Recommended**
- ✅ `POSTGRESQL_URL`
- ✅ `POSTGRES_URL`
- ✅ Individual components: `POSTGRES_HOST`, `POSTGRES_USER`, etc.

Step 4: Test the Deployment

After adding secrets:

1. Go to **Actions** tab in GitHub
2. Click **"Re-run all jobs"** on the failed workflow
3. Monitor the "Verify required secrets are available" step
4. Watch for database connection success in deployment logs

🛠️ Troubleshooting Common Issues

DATABASE_URL Connection Problems

- **Firewall:** Ensure Azure PostgreSQL allows GitHub Actions IPs
- **SSL:** Always include `?sslmode=require` for Azure PostgreSQL
- **Username Format:** For Azure, might be `username@servername`
- **Port:** Should be `5432` for PostgreSQL

SECRET_KEY Issues

- **Length:** Generated key is 43 characters (perfect length)
- **Characters:** URL-safe, no special encoding needed
- **Security:** Never commit this to your repository

✅ Final Success Indicators

Your deployment is successful when you see:

- ☐ ✅ All secrets validation passes in GitHub Actions
- ☐ ✅ Azure Web App deployment completes
- ☐ ✅ Database migrations run successfully
- ☐ ✅ Application starts without errors
- ☐ ✅ Web app responds at: https://ai-event-planner-saas-py.azurewebsites.net

🆘 Still Having Issues?

If deployment fails after adding secrets:

1. **Check GitHub Actions logs** for specific error messages
2. **Verify Azure resources exist** (PostgreSQL server, resource group)
3. **Test database connection locally** using your DATABASE_URL
4. **Review** AZURE_DEPLOYMENT_SETUP_GUIDE.md

🎯 Ready to Deploy?

- ☐ Both `DATABASE_URL` and `SECRET_KEY` are added to GitHub secrets
- ☐ Azure PostgreSQL server is running and accessible
- ☐ All other required secrets are present
- ☐ Ready to trigger deployment

Next step: Go to GitHub Actions and re-run your deployment workflow!

Quick Reference:

- **SECRET_KEY:** `or7miYlGqc1vm_7zqlZBMiShAsrDB4t3fBv1O5MYMRk`
- **DATABASE_URL Template:** `postgres://user:pass@host:5432/db?sslmode=require`
- **GitHub Secrets:** https://github.com/d1hawkins/AI-EventPlanner/settings/secrets/actions