

Vercel Deployment Guide for Everguard Intelligence

Why Vercel is Perfect for Your Project:

- ✓ **Built by Next.js creators** - Perfect compatibility
- ✓ **Zero configuration needed** - Works out of the box
- ✓ **Contact form works perfectly** - Full API route support
- ✓ **Free tier available** - No cost to get started
- ✓ **Custom domain support** - Use your own domain
- ✓ **Automatic deployments** - Updates when you push code
- ✓ **Global CDN** - Fast worldwide loading
- ✓ **Built-in analytics** - Track your website performance

Step-by-Step Deployment Process

Step 1: Download Your Project

1. **Download the project files** from this conversation
2. **Extract to your computer** (you'll get a folder with all your website files)
3. **Open the project folder** in your code editor or file explorer

Step 2: Set Up Git Repository (2 Options)

Option A: GitHub (Recommended)

1. **Go to GitHub.com** and sign in (or create account)
2. **Click "New Repository"**
3. **Name it:** `everguard-intelligence-website`
4. **Make it Public** (for free deployment)
5. **Don't initialize** with README (you have files already)
6. **Click "Create Repository"**

Option B: Use Vercel CLI (Advanced)

Skip to Step 3 if you prefer the CLI method

Step 3: Upload Your Code to GitHub

Using GitHub Website (Easiest):

1. **In your new repository**, click "uploading an existing file"
2. **Drag and drop your entire project folder**
3. **Write commit message:** "Initial commit - Everguard Intelligence website"
4. **Click "Commit changes"**

Using Git Commands (If familiar):

```
cd your-project-folder
git init
git add .
git commit -m "Initial commit - Everguard Intelligence website"
git branch -M main
git remote add origin https://github.com/yourusername/everguard-intelligence-website.git
git push -u origin main
```

Step 4: Deploy to Vercel

1. **Go to vercel.com** and click "Sign Up"
2. **Sign in with GitHub** (easiest option)
3. **Click "New Project"**
4. **Import your GitHub repository:**
 - Find `everguard-intelligence-website`
 - Click "Import"
5. **Configure project:**
 - **Project Name:** `everguard-intelligence`
 - **Framework Preset:** Next.js (should auto-detect)
 - **Root Directory:** `./app` (IMPORTANT!)
 - **Build Command:** Leave default (`yarn build`)
 - **Output Directory:** Leave default (`.next`)
6. **Click "Deploy"**

Step 5: Wait for Deployment

- 🕒 **First deployment takes 2-3 minutes**
- ✅ **You'll get a live URL** when complete
- 🎉 **Your website is now live!**

Step 6: Set Up Custom Domain (Optional)

If you want to use your own domain:

1. **In Vercel Dashboard**, go to your project
2. **Click "Domains"** tab
3. **Add your domain** (e.g., `everguardintelligence.com.au`)
4. **Configure DNS** at your domain registrar:

...

Type: CNAME

Name: www

Value: cname.vercel-dns.com

Type: A

Name: @






Value: 76.76.19.61

...

5. **Wait for DNS propagation** (can take up to 48 hours)

Step 7: Test Your Live Website

Visit your Vercel URL and test:

-  **All pages load correctly**
-  **Contact form works** (try sending a test message)
-  **Images display properly**
-  **Mobile responsive design**
-  **Navigation works**



SendGrid Configuration for Contact Form

Your contact form uses SendGrid for emails. You'll need to configure this:

Set Up SendGrid:

1. **Go to sendgrid.com** and create account
2. **Create an API key** in Settings > API Keys
3. **Verify your sender email** in Settings > Sender Authentication

Add Environment Variables in Vercel:

1. In **Vercel Dashboard**, go to your project
2. Click **"Settings"** > **"Environment Variables"**
3. **Add these variables:**

```
SENDGRID_API_KEY=your_sendgrid_api_key_here
SENDGRID_FROM_EMAIL=info@everguardgroup.com.au
ADMIN_EMAIL=info@everguardgroup.com.au
```

4. **Redeploy** your project (Vercel > Deployments > "Redeploy")



Automatic Updates

Once deployed, any time you:






1. **Make changes to your code**
2. **Push to GitHub**
3. **Vercel automatically redeploys** your site

This means updates are super easy!



Pricing

Free Tier Includes:

-  100GB bandwidth per month
-  Unlimited static requests
-  100 serverless function invocations per day
-  Custom domains
-  SSL certificates

This is more than enough for most business websites!

Troubleshooting

Common Issues:

Build fails:

- Make sure Root Directory is set to `./app`
- Check that all files uploaded correctly to GitHub

Contact form doesn't work:

- Add SendGrid environment variables
- Verify SendGrid API key is correct
- Check sender email is verified in SendGrid

Images not loading:

- Make sure `public` folder is in your repository
- Check image paths are correct

404 errors:

- Ensure all page files are in the correct directories
- Check that the build completed successfully

Need Help?

- **Vercel Docs:** vercel.com/docs
- **Next.js Docs:** nextjs.org/docs
- **SendGrid Docs:** docs.sendgrid.com

Support

If you need help:

1. **Check Vercel Dashboard** for deployment logs
2. **Visit Vercel's support** at vercel.com/support
3. **Check GitHub repository** for any missing files

Final Checklist

After deployment, verify:

- [] Website loads at Vercel URL
- [] All pages accessible (Home, About, Services, Contact)
- [] Contact form sends emails successfully
- [] Images display correctly
- [] Mobile responsiveness works
- [] Custom domain configured (if desired)
- [] SendGrid emails working
- [] Performance is fast and smooth

 **Congratulations! Your professional investigation services website is now live and accessible worldwide!**