Contents

⬜ Complete Portfolio Deployment Guide

Step-by-Step Instructions for Deploying Your Portfolio

⬜ Table of Contents

1. Prerequisites
2. Step 1: Prepare Your Project
3. Step 2: Deploy to GitHub
4. Step 3: Deploy to Vercel
5. Step 4: Configure Custom Domain
6. Step 5: Test Your Deployment
7. Step 6: Troubleshooting
8. Step 7: Update Your Portfolio
9. Step 8: Final Checklist

⬜ Prerequisites

Before starting, ensure you have: - ⬜ Your portfolio project is ready - ⬜ A GitHub account
- ⬜ A domain (like `quantiaxionix.info`) - ⬜ Node.js and npm installed

1

⬚ Step 1: Prepare Your Project

1.1 Navigate to Your Project Directory

```
cd /path/to/your/project
```

1.2 Install Dependencies

```
npm install
```

1.3 Build Your Project

```
npm run build
```

Expected Output:

```
✓ built in 21.29s
dist/portfolio-usamashakeel.html     0.82 kB │ gzip:  0.44 kB
dist/assets/main-BD4wmhpy.css       28.33 kB │ gzip:  5.57 kB
dist/assets/main-BtL7wLIi.js       193.26 kB │ gzip: 56.56 kB
```

1.4 Verify Build Files

```
ls -la dist/
```

Expected Files: `- portfolio-usamashakeel.html - assets/ folder - Usama_Shakeel_CV.pdf`

⬚ Step 2: Deploy to GitHub

2.1 Initialize Git Repository

```
git init
```

2.2 Add All Files to Git

```
git add .
```

2.3 Make Initial Commit

```
git commit -m "Initial portfolio commit"
```

2.4 Create GitHub Repository

1. Go to github.com
2. Click **"New repository"**
3. Name it: MYPORTFOLIO
4. Make it **Public**
5. Click **"Create repository"**

2.5 Connect Local Repository to GitHub

```
git remote add origin https://github.com/USAMAKHAN444/MYPORTFOLIO.git
git branch -M main
git push -u origin main
```

2.6 Verify GitHub Upload

- Go to: `https://github.com/USAMAKHAN444/MYPORTFOLIO`
- Check that all files are uploaded correctly

☁ Step 3: Deploy to Vercel

3.1 Access Vercel Dashboard

1. Go to vercel.com/dashboard
2. Sign in with your GitHub account
3. Click **"New Project"**

3.2 Import from GitHub

1. Click **"Import Git Repository"**
2. Find and select: `USAMAKHAN444/MYPORTFOLIO`
3. Click **"Import"**

3.3 Configure Project Settings

Set these values exactly:

Setting	Value
Framework Preset	`Vite`
Root Directory	`./`
Build Command	`npm run build`
Output Directory	`dist`
Install Command	`npm install`

3.4 Deploy

1. Click **"Deploy"**
2. Wait 2-3 minutes for deployment
3. Note your Vercel URL (e.g., `myportfolio-2le2.vercel.app`)

🌐 Step 4: Configure Custom Domain

4.1 Add Domain in Vercel

1. Go to your project dashboard
2. Click **"Settings"** tab
3. Click **"Domains"** in the left sidebar
4. Click **"Add Domain"**
5. Enter: usama.quantiaxionix.info
6. Click **"Add"**

4.2 Configure DNS Records in Namecheap

Step 4.2.1: Access Namecheap Dashboard 1. Go to namecheap.com 2. Sign in to your account 3. Go to **"Domain List"** 4. Find quantiaxionix.info 5. Click **"Manage"**

Step 4.2.2: Access DNS Settings 1. Click **"Advanced DNS"** tab 2. Scroll down to **"Host Records"**

Step 4.2.3: Add CNAME Record 1. Click **"Add New Record"** 2. Set **Type:** CNAME Record 3. Set **Host:** usama 4. Set **Value:** cname.vercel-dns.com 5. Set **TTL:** Automatic 6. Click **"Save"**

Step 4.2.4: Add TXT Record (if needed) 1. Click **"Add New Record"** 2. Set **Type:** TXT Record 3. Set **Host:** _vercel 4. Set **Value:** vc-domain-verify=usama.quantiaxionix.info,49eda6466e216c996d46 5. Set **TTL:** Automatic 6. Click **"Save"**

4.3 Wait for DNS Propagation

- **Time Required:** 5-30 minutes
- **Check Status:** Go back to Vercel dashboard
- **Success Indicator:** Domain shows "Valid Configuration"

🧪 Step 5: Test Your Deployment

5.1 Test All URLs

Try these URLs in your browser:

URL	Expected Result
https://usama.quantiaxionix.info/	✅ Portfolio loads (clean URL)
https://usama.quantiaxionix.info/portfolio-usamashakeel.html	✅ Portfolio loads (backup)
https://myportfolio-2le2.vercel.app/	✅ Portfolio loads (Vercel default)

5.2 Verify Portfolio Features

Check that these features work:

- ☐ **Light/Dark Mode Toggle** - Click the sun/moon icon in header
- ☐ **Infinite Horizontal Scroll** - Skills section scrolls automatically
- ☐ **Updated Phone Number** - Shows +92 3055620643
- ☐ **Colorful Text Gradients** - "AI Engineer" and description have colors
- ☐ **Responsive Design** - Works on mobile and desktop

5.3 Test Contact Links

- ☐ **WhatsApp Link** - Opens with correct number
- ☐ **Email Link** - Opens email client
- ☐ **CV Download** - Downloads your resume

⬜ Step 6: Troubleshooting

6.1 Common Issues and Solutions

Issue: 404 Error

```
# Solution: Check build files
ls -la dist/
# Should show: portfolio-usamashakeel.html, assets/, etc.
```

Issue: Domain Shows "Verification Needed" - Check DNS records are correct - Wait 5-30 minutes for propagation - Verify TXT record is added

Issue: Portfolio Shows Blank Page - Check Vercel deployment logs - Verify `ver-cel.json` configuration - Ensure all files are in `dist/` folder

Issue: Build Errors

```
# Solution: Check for errors
npm run build
# Fix any errors shown
```

6.2 Vercel Configuration File

Your `vercel.json` should look like this:

```json
{
  "buildCommand": "npm run build",
  "outputDirectory": "dist",
  "installCommand": "npm install",
  "framework": "vite",
  "rewrites": [
    {
      "source": "/(.*)",
```

```
      "destination": "/portfolio-usamashakeel.html"
    }
  ]
}
```

🔄 Step 7: Update Your Portfolio

7.1 Make Changes Locally

```
# Edit your files
nano src/components/Hero.tsx
# or use your preferred editor
```

7.2 Build and Deploy Changes

```
npm run build
git add .
git commit -m "Update portfolio content"
git push
```

Vercel will auto-deploy in 2-3 minutes

7.3 Verify Updates

- Check your live site after deployment
- Test all features still work
- Verify changes appear correctly

✅ Step 8: Final Checklist

Domain Configuration

- ☐ Custom domain added to Vercel
- ☐ DNS records configured correctly
- ☐ Domain shows "Valid Configuration"
- ☐ No "Verification Needed" status

Portfolio Features

- ☐ Light/Dark mode works
- ☐ Skills section scrolls infinitely
- ☐ Phone number is correct (+92 3055620643)
- ☐ All sections display properly
- ☐ Contact links work correctly

URLs Working

☐ `https://usama.quantiaxionix.info/` (clean URL)
☐ `https://usama.quantiaxionix.info/portfolio-usamashakeel.html` (backup)
☐ `https://myportfolio-2le2.vercel.app/` (Vercel default)

Performance

☐ Page loads quickly
☐ Images display correctly
☐ Animations work smoothly
☐ Mobile responsive

🔗 Your Portfolio URLs

Primary Domain

- **Main URL:** `https://usama.quantiaxionix.info/`

Backup URLs

- **Backup 1:** `https://usama.quantiaxionix.info/portfolio-usamashakeel.html`
- **Backup 2:** `https://myportfolio-2le2.vercel.app/`

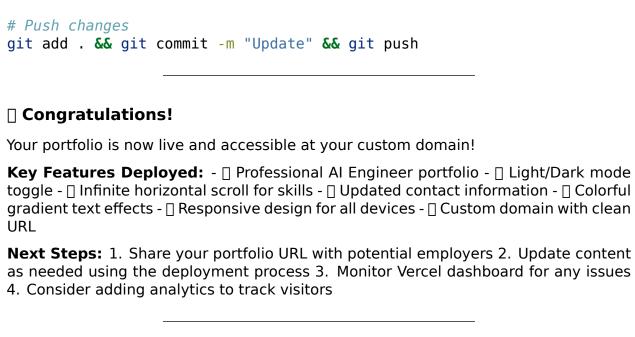
📞 Support Information

Your Project Details

- **GitHub Repository:** `USAMAKHAN444/MYPORTFOLIO`
- **Vercel Project:** `myportfolio-2le2`
- **Custom Domain:** `usama.quantiaxionix.info`
- **Framework:** Vite + React + TypeScript

Useful Commands

```
# Build project
npm run build

# Start development server
npm run dev

# Check Git status
git status
```

```
# Push changes
git add . && git commit -m "Update" && git push
```

🎉 Congratulations!

Your portfolio is now live and accessible at your custom domain!

Key Features Deployed: - ✅ Professional AI Engineer portfolio - ✅ Light/Dark mode toggle - ✅ Infinite horizontal scroll for skills - ✅ Updated contact information - ✅ Colorful gradient text effects - ✅ Responsive design for all devices - ✅ Custom domain with clean URL

Next Steps: 1. Share your portfolio URL with potential employers 2. Update content as needed using the deployment process 3. Monitor Vercel dashboard for any issues 4. Consider adding analytics to track visitors

---

This guide covers the complete deployment process for your portfolio. Keep this document for future reference when updating your site.