

PRODUCTION CHECKLIST

Day 3 - Deployment, Discovery & Optimization

Use this checklist before considering an application production-ready.

01

Before Deployment

[Local Test](#) > [Commit](#) > [Push](#) > [Production Configuration](#)

- ☐ Application runs locally without critical errors
- ☐ Core features work as expected
- ☐ Authentication works locally
- ☐ Firestore reads and writes work locally
- ☐ Browser console checked for errors
- ☐ Latest working changes committed
- ☐ Repository pushed to GitHub
- ☐ Required production environment variables identified
- ☐ Private secrets, tokens, and credentials are not committed to GitHub

CHECKPOINT:

Your GitHub repository contains a tested, working version ready to deploy.

[GitHub](#) > [Vercel](#) > [Build](#) > [Production URL](#)

☐ Correct GitHub repository connected to Vercel

☐ Framework and build settings are correct

☐ Production environment variables configured

☐ Deployment triggered successfully

☐ Build logs checked

☐ No critical build errors

☐ Production URL opens successfully

CHECKPOINT:

The application is live on its Vercel production URL.

[Domain](#) > [Cloudflare DNS](#) > [Vercel](#) > [HTTPS](#)

- ☐ Domain or assigned subdomain added to Vercel
- ☐ Required DNS records identified
- ☐ Cloudflare DNS records configured correctly
- ☐ Conflicting DNS records removed if necessary
- ☐ Domain verified by Vercel
- ☐ Domain resolves to the correct deployment
- ☐ HTTPS works
- ☐ Final domain opens without certificate warnings

CHECKPOINT:

Your application is accessible securely through its final domain.

[Load](#) > [Navigate](#) > [Authenticate](#) > [Read/Write Data](#) > [Console](#) > [Network](#)

- ☐ Homepage loads correctly
- ☐ Important routes and direct page refreshes work
- ☐ Navigation works
- ☐ Images, fonts, and other assets load
- ☐ Sign-up, sign-in, and sign-out work
- ☐ Firestore data can be read and written as required
- ☐ Data survives refresh
- ☐ User-specific data behaves correctly
- ☐ Tested on more than one screen size
- ☐ Browser console checked
- ☐ Network panel checked for failed requests
- ☐ No critical production errors remain

CHECKPOINT:

A successful deployment is not enough. Verify the actual production application.

[Metadata](#) > [robots.txt](#) > [Sitemap](#) > [Google](#) > [Bing](#)

- ☐ Page title and meta description are meaningful
- ☐ Heading structure and semantic HTML reviewed
- ☐ Important public pages and internal links work
- ☐ robots.txt reviewed
- ☐ Sitemap created and accessible
- ☐ Site added or verified in Google Search Console
- ☐ Sitemap submitted to Google
- ☐ Important URL inspected when appropriate
- ☐ Site added or verified in Bing Webmaster Tools
- ☐ Sitemap submitted to Bing
- ☐ Crawl and indexing issues reviewed

CHECKPOINT:

Submission helps discovery but does not guarantee immediate indexing or ranking.

[PageSpeed](#) > [Prioritize](#) > [Improve](#) > [Commit](#) > [Deploy](#) > [Retest](#)

- ☐ Final production URL tested with PageSpeed Insights
- ☐ Mobile report reviewed
- ☐ Performance, accessibility, best-practice, and SEO findings reviewed
- ☐ Highest-impact issue identified
- ☐ Recommendation understood before changing code
- ☐ One meaningful improvement implemented
- ☐ Improvement tested locally
- ☐ Changes committed and pushed to GitHub
- ☐ Vercel redeployment completed
- ☐ Production functionality verified again
- ☐ PageSpeed rerun
- ☐ Before and after result compared

CHECKPOINT:

Optimize for the user, not for a perfect score.

FINAL PRODUCTION PATH

[LOCAL](#) > [GITHUB](#) > [VERCEL](#) > [DOMAIN + DNS](#) > [VERIFY](#)

[DISCOVER](#) > [OPTIMIZE](#) > [REDEPLOY](#) > [VERIFY AGAIN](#)

PRODUCTION-READY

Live, functional, secure over HTTPS, verified in production, prepared for discovery, and retested after optimization.