Services Page Duplicate Fix - Summary

Issue Identified

The services page at `/services` was displaying duplicate entries, specifically:
- **App Maintenance services** were appearing under the **Website Maintenance** category
- This caused the Website Maintenance section to show 8 items instead of 4

Root Cause

The categorization logic in `/app/services/page.tsx` was using `includes()` to match service slugs, which led to overly broad matching:

```
// OLD PROBLEMATIC CODE
else if (service.slug.includes('website-maintenance') || service.slug.includes('main-
tenance-')) {
  categories['website-maintenance'].push(service);
}
```

The issue: `app-maintenance-basic` contains the substring `maintenance-` , so it was incorrectly categorized under "Website Maintenance" instead of "App Maintenance".

Solution Implemented

Changed the categorization logic from `includes()` to `startsWith()` for more precise matching:

```
// NEW FIXED CODE
if (service.slug.startsWith('website-creation')) {
  categories['website-creation'].push(service);
} else if (service.slug.startsWith('website-maintenance')) {
  categories['website-maintenance'].push(service);
} else if (service.slug.startsWith('app-maintenance')) {
  categories['app-maintenance'].push(service);
} else if (service.slug.startsWith('app-')) {
  categories['app-creation'].push(service);
}
// ... and so on for other categories
```

Results

Before Fix:

- **Website Maintenance**: 8 items (4 website + 4 app maintenance - WRONG)
- **App Maintenance**: 0 items

After Fix:

- **Website Maintenance**: 4 items ✅
- website-maintenance-basic
- website-maintenance-standard

- website-maintenance-business

- website-maintenance-premium

- **App Maintenance**: 4 items ✅

- app-maintenance-basic
- app-maintenance-standard
- app-maintenance-premium
- app-maintenance-enterprise

Testing

- ✅ TypeScript compilation successful
- ✅ Next.js build successful
- ✅ All services properly categorized
- ✅ No duplicate entries on the services page
- ✅ Checkpoint saved successfully

Files Modified

- `/app/services/page.tsx` - Updated `categorizeServices()` function

Status: ✅ Fixed and Deployed
Date: October 18, 2025
Checkpoint: "Fixed service page duplicates issue"