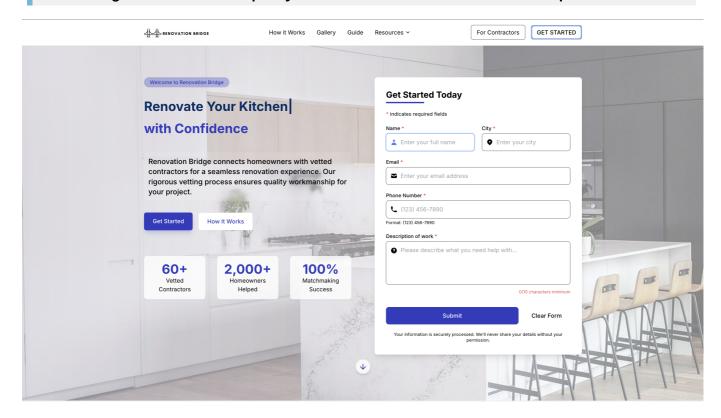
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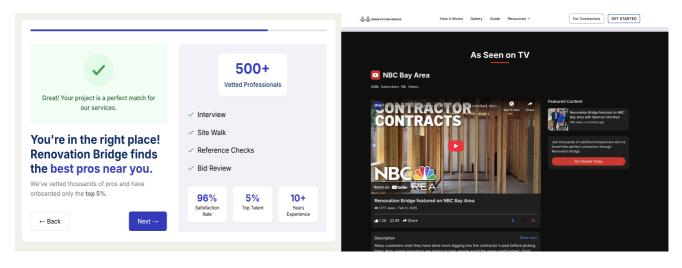


🏠 Renovation Bridge

Connecting homeowners with quality contractors for seamless renovation experiences



Modern, responsive homepage designed to convert visitors into leads



Project showcase and contractor management interface

Design System

Our carefully crafted color palette ensures a professional and trustworthy appearance:

- **Primary Blue** #313bc0 Trust and professionalism
- Secondary Dark Blue #002c66 Depth and stability
- Gray #717171 Balance and readability
- Black #000000 Contrast and emphasis

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- Cream #f2f0e9 Warmth and approachability
- Lavender #e5e4f0 Softness and sophistication

Tech Stack

• Framework: Next.js 14.2+

• **UI Library**: React 18

• Styling: Tailwind CSS 3.4+

• Animations: Framer Motion 12.5+

• Forms: React Hook Form 7.50+

• Icons: React Icons 5.0+

• Image Processing: Sharp 0.33+

• CMS: WordPress (Headless) with WPGraphQL

• GraphQL Client: GraphQL Request

Project Structure

```
renovationbridge/
  - public/
                          # Static assets
  – src/
                        # Next.js App Router pages
     — app/
        — api/
                       # API routes including revalidation
         blog/ # Blog posts and articles
          - contractors/ # Contractor-specific pages
          resources/ # Resource and guide pages
                      # Reusable UI components
# Form components
      - components/
         — forms/
         layout/ # Layout componentssections/ # Page sections
         — ui/ # UI elements
      - lib/
                      # Core functionality
         — db/
                    # Database connections
          - models/
                     # Data models
          - utils/ # Utility functions
        └── wordpress/ # WordPress API integration
      # Deployment and utility
# Environment secrets
# GitHub Actions workflows
                     # Deployment and utility scripts
  – scripts/
  - secrets/
  - .github/
  config files
                   # Various configuration files
```

% Getting Started

1. Clone the repository

```
git clone https://github.com/yourusername/renovationbridge.git
cd renovationbridge
```

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2. Install dependencies

```
npm install
```

3. Configure environment variables

```
cp .env.example .env.local
# Edit .env.local with your WordPress GraphQL API URL and other
settings
```

4. Start development server

```
npm run dev
# or
./start.sh
```

5. Open http://localhost:3000

ϔ Key Features

- Smart Lead Generation Optimized contact forms and CTAs
- Contractor Management Dedicated dashboard for contractors
- Project Showcase Beautiful gallery of completed renovations
- Resource Library Valuable guides and articles
- Mobile-First Design Perfect experience on all devices
- SEO Optimization Built for search engine visibility
- WordPress Integration Headless CMS for content management
- Incremental Static Regeneration Fast page loads with dynamic content

Security & Configuration

The project uses a secure secrets management system:

WordPress Headless CMS Setup

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The project uses WordPress as a headless CMS with Next.js as the frontend:

1. Required WordPress Plugins

- WPGraphQL (v1.14.0+)
- Advanced Custom Fields (ACF)
- ACF to WPGraphQL
- WPGraphQL CORS
- WP Webhooks

2. Content Structure

- Custom post types for Projects and Contractors
- ACF fields for specialized data
- SEO optimization with proper metadata

3. Integration Points

- o GraphQL API for data fetching
- Webhooks for content revalidation
- Media optimization pipeline

For detailed WordPress setup instructions, see docs/wordpress-setup.md.

Deployment

WordPress and Next.js Deployment

1. Configure WordPress

- Follow the setup instructions in docs/wordpress-setup.md
- o Configure webhooks to trigger the revalidation endpoint

2. Build and Deploy Next.js App

```
# Set up environment variables
cp .env.example .env.production.local
# Edit variables with production values

# Deploy with the script
chmod +x ./scripts/deploy-wordpress.sh
./scripts/deploy-wordpress.sh
```

3. Configure GitHub Actions

- Set up WORDPRESS_API_URL and REVALIDATION_SECRET in GitHub secrets
- Enable automatic deployments on content changes