

Knapværk - Next.js + Sanity CMS

Modern, luxury website for Knapværk with easy content management.

🚀 Tech Stack

- **Next.js 14** - React framework with static export
- **Sanity CMS** - Headless CMS for content management
- **GitHub Pages** - Free hosting
- **GitHub Actions** - Automated deployment

📁 Project Structure

```
knapværk-next/
├── app/          # Next.js app directory
│   ├── layout.jsx    # Root layout with metadata
│   ├── page.jsx     # Main homepage
│   └── globals.css   # Global styles
├── components/   # React components
│   ├── Navigation.jsx # Main navigation
│   ├── Hero.jsx       # Hero section with logo
│   ├── GallerySection.jsx # Reusable gallery component
│   ├── ContactForm.jsx # Contact form with Formspree
│   └── Footer.jsx     # Site footer
└── lib/          # Utility functions
    └── sanity.js      # Sanity client and queries
└── sanity/        # Sanity configuration
    ├── config.js     # Connection settings
    └── schema.js     # Content structure
└── public/        # Static assets
    └── assets/        # Images, fonts, etc.
└── .github/workflows/ # GitHub Actions
    └── deploy.yml    # Auto-deployment workflow
```

🎨 Features

Current Features

- Fully responsive design
- Smooth scroll navigation
- Elegant animations

- Contact form with Formspree
- Easy content updates via Sanity
- Auto-deploy on content changes
- Static site (fast loading)
- SEO optimized
- Accessible (WCAG AA)

Ready for Future

-  E-commerce integration (Shopify/Stripe)
-  Product pages
-  Blog/journal
-  Customer accounts

Development

Prerequisites

- Node.js 18+
- npm or yarn
- Git

Local Development

1. Install dependencies

```
bash
npm install
```

2. Set up environment variables Create `.env.local`:

```
NEXT_PUBLIC_SANITY_PROJECT_ID=your-project-id
NEXT_PUBLIC_SANITY_DATASET=production
```

3. Run development server

```
bash
```

```
npm run dev
```

Open <http://localhost:3000>

4. Build for production

```
bash
```

```
npm run build
```

```
npm run export
```

Available Scripts

- `npm run dev` - Start development server
- `npm run build` - Build for production
- `npm run export` - Export static site
- `npm run start` - Start production server (for testing)
- `npm run lint` - Run ESLint

Content Management

Accessing Sanity Studio

Option 1: Deployed Studio

- Go to <https://your-studio-name.sanity.studio>
- Log in with your Sanity account

Option 2: Local Studio

```
bash
```

```
cd studio
```

```
npx sanity start
```

Opens at <http://localhost:3333>

Content Types

Gallery Section

- Used for "Udvalgte værker" and "Håndværk" sections
- Fields: title, subtitle, images, meta text, display order

Product (ready for e-commerce)

- Fields: name, description, images, material, dimensions, price, availability

Site Settings

- Global site info: logo, contact email, footer text, CVR, address

Page Content (for future expansion)

- For about pages, story sections, etc.

🚀 Deployment

Automatic Deployment

The site automatically deploys when:

1. You push code to the `main` branch
2. You publish changes in Sanity (via webhook)

Manual Deployment

```
bash  
  
git add .  
git commit -m "Your message"  
git push
```

Wait 2-3 minutes for GitHub Actions to build and deploy.

🎯 Performance

- **Lighthouse Score Target:** 95+ on all metrics
- **First Paint:** < 1.5s
- **Time to Interactive:** < 3s
- **Image Optimization:** Automatic via Sanity CDN

🔒 Security

- No exposed API keys (all in GitHub Secrets)
- Static site = minimal attack surface
- Form handling via Formspree (no backend needed)

- CORS configured correctly for Sanity

Browser Support

- Chrome (last 2 versions)
- Firefox (last 2 versions)
- Safari (last 2 versions)
- Edge (last 2 versions)
- Mobile browsers (iOS Safari, Chrome Mobile)

Contributing

This is a private project, but if you need to make changes:

1. Create a new branch
2. Make your changes
3. Test locally
4. Push and create PR
5. Review and merge

License

Private project - All rights reserved by Knapværk ApS

Support

For technical issues:

1. Check [DEPLOYMENT-GUIDE.md](#)
2. Review error messages in:
 - Browser console
 - GitHub Actions logs
 - Sanity webhook logs
3. Contact the developer

Documentation

- [Next.js Documentation](#)

- [Sanity Documentation](#)
 - [GitHub Pages Documentation](#)
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Built with ❤ for Knapværk