

04 System Architecture

Freedom Road Ministries — System Architecture

Vanilla HTML/CSS/JS · static site · deployed to IONOS or equivalent shared hosting.

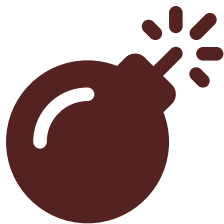
Stack

Layer	Choice
Frontend	Vanilla HTML5 + CSS3 + minimal vanilla JS
Backend	None (static site · no server-side processing)
Hosting	IONOS shared hosting (recommended · matches Sandi’s stack) OR Hostinger OR Vercel
CDN	Hosting provider’s built-in (no Cloudflare layer needed for this scale)
Build	None (no build step · files served as-is)
Forms	None currently (contact handled via email link)
Analytics	None initially (Clark adds Google Analytics or Plausible if he wants)

Folder structure

```
freedomroadministries.org/
├─ index.html           ← homepage · hero · welcome · 3 pillars
├─ mission.html         ← Isaiah 49:22 anchor + board of advisors
├─ story.html           ← Clark's 47-year testimony
├─ music.html           ← Hebrew worship + Shabbat blessings + Yeshua haMashiach
├─ jerusalem.html       ← Vision · Eastern Gate · 8 reasons · prophecy
├─ resources.html       ← 64 Aliyah Scriptures · 8 Things · Esther Fast · Tallit
├─ sitemap.xml          ← all 6 pages with priority + changefreq
├─ robots.txt           ← User-agent + Sitemap directive
├─ css/
│   └─ styles.css       ← single stylesheet · all 6 pages share
├─ js/
│   └─ site.js          ← mobile nav toggle · dropdowns · smooth scroll
└─ assets/
    ├─ hero-jesus-descending.png
    ├─ valley-mount-zion.png
    ├─ ps122.png
    ├─ Tallit.png
    ├─ stocks.png
    └─ docs/            ← future PDFs/DOCX downloads
```

Page architecture diagram



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mermaid version 10.9.5

CSS architecture

Single `styles.css` shared by all 6 pages. Token-based:

```
:root {
  /* Israeli flag-anchored palette */
  --israeli-blue: #0038B8;
  --forest-green: #2D6A4F;
```

```

--rust-brown:    #8B5E3C;
--red-emphasis:  #B22222;
--deep-blue:     #203A56;
--cream:         #F6F1E6;
--cream-dark:    #EFE7D5;

/* Type */
--font-serif: 'EB Garamond', Georgia, serif;
--font-sans: 'Source Sans 3', -apple-system, sans-serif;

/* Spacing · radius · shadow */
--radius:      14px;
--radius-sm:   8px;
--shadow:      0 2px 12px rgba(0,0,0,.08);
}

```

Component classes: `.section` , `.section-sm` , `.callout-band` , `.card` , `.card-blue` , `.card-stone` , `.scripture` , `.resource-grid` , `.btn` , `.btn-primary` , `.btn-secondary` .

JavaScript architecture

Minimal `site.js` :

```

// 1. Mobile nav toggle (.nav-toggle button reveals .nav)
// 2. Dropdown menus (.dropdown · .dropdown-menu)
// 3. Smooth scroll for in-page anchors
// 4. Active-nav highlight based on current URL
// 5. Footer year auto-fill (#year span)

```

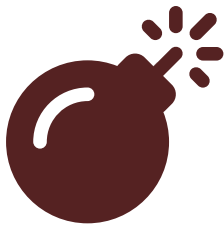
No frameworks. No build. No bundler. ~100 lines.

SEO architecture

Per page (already deployed): - `<title>` and `<meta name="description">` unique per page - `<link rel="canonical">` per page - `<meta property="og:type|og:title|og:description|og:url|og:image|og:locale">` per page - `<meta name="twitter:card|twitter:title|twitter:description|twitter:image">` per page - `<meta name="theme-color" content="#0038B8">` (Israeli blue mobile chrome) - `index.html` has additional JSON-LD Organization schema

Plus `sitemap.xml` (6 URLs · priority + changefreq) and `robots.txt` pointing at sitemap.

Deployment flow



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What this site is NOT

- Not a CMS (no admin panel · Clark edits via Sandi)
- Not a PHP app (no backend · no DB)
- Not a SPA (no React · Vue · Angular)
- Not a build-step site (no Vite · Webpack · Next.js)
- Not a WordPress install
- Not behind Cloudflare (initially)

If Clark wants any of these later, that's a new engagement scope.

Cross-references

- [\[\[02_action_plan\]\]](#)
- [\[\[03_sop_library\]\]](#) SOP-04 · SOP-07
- [\[\[../..../sandi-system-engine/_skills/freedom-road-deploy/SKILL.md\]\]](#)