

MERN Stack Website Development Plan

Project Overview

This document outlines the development plan for a professional security services website using the MERN stack (MongoDB, Express.js, React, Node.js). The website will be fully responsive and optimized for SEO, incorporating features such as job listings, contact forms, and service descriptions.

Website Pages & Components

Home Page

- Hero section with CTA
- Company introduction
- Service previews
- Testimonials section

About Page

- Company mission & values
- Team introduction
- Company history

Services Page

- Detailed description of services
- Service categories with icons

Careers Page

- Job listings (from database)
- Application form
- Employee benefits section

Contact Page

- Contact form (MongoDB storage)
- Google Maps integration
- Company phone & email

Blog Page (Optional)

- Security industry news
- Company updates
- Search and filter options

FAQ Page (Optional)

- Frequently asked questions

- Accordion-style layout

Testimonials Section

- Client reviews and success stories
- Slideshow with ratings

15-Day Development Plan

Day 1:

- Set up project structure (React + Next.js)

Day 2:

- Design Navbar & Footer with Material UI

Day 3:

- Develop Home Page (Hero Section, CTA, Services Preview)

Day 4:

- Build About Page (Mission, Team, Company Info)

Day 5:

- Implement Services Page (Cards for each service)

Day 6:

- Create Careers Page (Job Listings & Application Form)

Day 7:

- Develop Contact Page (Form, Google Maps, Phone)

Day 8:

- Blog Page (Dynamic content with MongoDB)

Day 9:

- Implement Testimonials Section

Day 10:

- Backend API (Node.js + Express + MongoDB)

Day 11:

- Connect Frontend with Backend (Axios API calls)

Day 12:

- Deploy Backend (Render) & Database (MongoDB Atlas)

Day 13:

- Deploy Frontend (Netlify) & Configure Domain (GoDaddy)

Day 14:

- Final Testing, Bug Fixes, Performance Optimization

Day 15:

- SEO, Meta Tags, Security Enhancements, Launch