

## **Part 3**

### **JavaScript Enhancements**

- Lightbox gallery for images
- Animated transitions and hover effects
- Accordion & tab components
- Dynamic content loading for posts/products
- Search filter for services and events
- Leaflet map integration (Johannesburg location)
- Modal popups for user interaction

### **SEO Improvements**

- Title tags + meta descriptions added
- Clean URL structure
- Updated ALT text and image filenames
- Mobile-friendly responsive design
- Added robots.txt
- Added sitemap.xml
- Improved performance (minified JS, compressed images)

### **Forms**

#### **Contact Form:**

- HTML + JavaScript client-side validation
- PHP email handler
- Success + Error messages

#### **Enquiry Form:**

- Dynamic response system (prices/availability)
- Dropdown options for services/products
- Full JavaScript validation
- Optional AJAX submission
- Multiple commits with descriptive commit messages
- Changelog updated (see CHANGELOG.md)

- **References**

1. Duckett, J. (2014). *HTML & CSS: Design and Build Websites*. John Wiley & Sons.
2. Duckett, J. (2014). *JavaScript & jQuery: Interactive Front-End Web Development*. John Wiley & Sons.
3. Mozilla Developer Network (MDN). (2024). *HTML, CSS, and JavaScript Documentation*. Available at: <https://developer.mozilla.org>
4. W3C. (2024). *Web Standards*. Available at: <https://www.w3.org>
5. Google Developers. (2024). *SEO Starter Guide*. Available at: <https://developers.google.com/search>
6. LeafletJS. (2024). *Leaflet Interactive Maps Library*. Available at: <https://leafletjs.com>
7. PHP Manual. (2024). *PHP Email and Form Handling*. Available at: <https://www.php.net>