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The SEO Handbook

A Practical Playbook for Rankings, Traffic, Conversions & AI Search



ENGR. MUDASSIR HASSAN KHAN

COMPUTER SOFTWARE ENGINEER

SEO Specialist | WordPress Developer | Technical SEO & AI Search Strategist

www.mudassir.co

linkedin.com/in/engrmhk1

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How to use this handbook

Read Chapters 01–02 first, then jump to the chapters that match your site. Use **Quick Start** to begin and the **Ultimate SEO Checklist** before publishing any important page. *Search engine guidelines evolve. Always confirm critical details in official documentation such as Google Search Central.*

01 The SEO Mindset

Think in systems, not just keywords

SEO is not just about ranking keywords. It is about making your website **discoverable, understandable, trustworthy, fast, and useful**—then turning visibility into business results.

THE SEO FORMULA

Technical Foundation + **Search Intent** + **Helpful Content**

+

Authority + **User Experience** + **Continuous Improvement**

=

Sustainable Growth

BEFORE IMPLEMENTING ANYTHING, ASK THREE QUESTIONS

1

Can it be found?

Can search engines discover, crawl, and index this page?

2

Does it satisfy intent?

Does it satisfy the user's actual search intent better than competing pages?

3

Does it matter?

Does it help the business achieve a measurable goal?

02 Technical SEO

Fix the foundation

Your first job is to eliminate barriers between your website and search engines.

ESSENTIAL CHECKLIST

- ☐ Verify Google Search Console and submit the XML sitemap.
- ☐ Check indexing, `robots.txt`, noindex directives and canonical URLs.
- ☐ Fix broken internal links, redirect chains, 404s and server errors.
- ☐ Use HTTPS, mobile-friendly layouts and crawlable internal links.
- ☐ Check JavaScript rendering and ensure important content is accessible.
- ☐ Resolve duplicate URLs, pagination issues and unnecessary crawl traps.
- ☐ Validate structured data and monitor manual actions or security issues.

Pro tricks

- Use GSC URL Inspection to investigate individual URLs before requesting indexing.
- Compare submitted, indexed and non-indexed URLs; not every excluded URL is an error.
- **Audit templates, not just pages.** One faulty WordPress template can affect hundreds of URLs.
- Before redesigning or migrating a site, map old URLs to relevant new URLs and prepare a redirect plan.
- Do not block a page in `robots.txt` if Google needs to crawl it to see its `noindex` directive.

03 On-Page SEO

Make every page count

Every important page should have one clear purpose and a logical content structure.

Element	Best practice
Title tag	Unique, descriptive, compelling and aligned with intent
Meta description	Summarize the value and encourage relevant clicks
H1	One clear main heading as a practical convention
H2 / H3	Organize the content into useful sections
URL	Short, descriptive and stable
Images	Descriptive filenames, useful alt text and optimized file sizes
Internal links	Contextual links with meaningful anchor text
CTA	Clear next step aligned with the visitor's intent

Pro tricks

- **Write for search intent first**, then optimize keywords.
- Study the live SERP to learn whether users want a service page, guide, comparison, local result or direct answer.
- Use related entities, synonyms and subtopics naturally; avoid repetitive exact-match keywords.
- Add internal links from relevant, established pages to important pages that need visibility.
- Rewrite titles when impressions are strong but CTR is weak—after checking position, query intent and SERP features.
- Never waste time on the meta keywords tag; Google does not use it for ranking.

04 Keyword Research & Content Strategy

Topics, intent and business value

Build a keyword strategy around topics, intent and business value—not search volume alone.

FOUR USEFUL INTENT GROUPS

Informational
What is laser treatment?

Commercial investigation
Best laser treatment options in Abu Dhabi

Transactional
Book a laser consultation

Navigational
[Clinic name] contact details

A PRACTICAL WORKFLOW

1 Discover
Semrush, Ahrefs, GSC and competitor research

▶

2 Group
By search intent and topic

▶

3 Map
Each cluster to the best existing or new page

▶

4 Prioritize
Relevance, opportunity, conversion potential, effort

▶

5 Publish & improve
Internally link, measure and refine

The opportunity most SEOs miss

Check GSC queries where pages rank around **positions 5–20**. Improve intent alignment, missing information, internal links and titles **before** automatically creating more content.

Avoid creating multiple pages targeting essentially the same intent. Consolidate competing pages when appropriate, using redirects and canonicalization carefully.

05 Content SEO & Topical Authority

Deserve to rank

Create content that deserves to rank because it offers genuine value.

THE WINNING CONTENT CHECKLIST

- ☐ Answer the main question early.
- ☐ Cover the user's important follow-up questions.
- ☐ Include original insights, examples, experience or expert input.
- ☐ Use clear headings, concise paragraphs, tables and helpful visuals.
- ☐ Cite credible sources where appropriate.
- ☐ Add author credentials, review dates and editorial oversight where relevant.
- ☐ Keep content accurate and update it when facts, services or recommendations change.

Content refresh trick

Combine GSC query data with engagement and conversion data. A page with declining clicks may need a better title, updated information, stronger internal links or a different format—**not necessarily a complete rewrite**.

A note on AI-generated content

AI can accelerate research, outlines, content analysis and editing. However, mass-producing unoriginal pages can create quality and spam-policy risks. Human expertise, fact-checking and original value remain essential.

06 Technical Performance & Core Web Vitals

Fast, stable, usable

A fast website improves usability and can support search performance. A perfect PageSpeed score, however, does not guarantee rankings.

≤ 2.5 s	≤ 200 ms	≤ 0.1
LCP — Loading	**INP — Responsiveness**	**CLS — Visual stability**
Good ≤ 2.5 s	Good ≤ 200 ms	Good ≤ 0.1
Poor > 4 s	Poor > 500 ms	Poor > 0.25

Targets are assessed at the 75th percentile of real-user visits.

WORDPRESS PERFORMANCE TRICKS

- Compress and correctly size images; use WebP or AVIF where suitable.
- Preload only genuinely critical resources, such as the main hero image when appropriate.
- **Lazy-load below-the-fold images, not the main LCP image.**
- Reduce unused plugins, third-party scripts and excessive page-builder widgets.
- Use page caching, browser caching, optimized database queries and a CDN where appropriate.

- Reserve image, video and advertising dimensions to prevent layout shifts.
- Test real-user data in GSC/PageSpeed Insights alongside laboratory tests.

DEBUG IN THIS ORDER

1. **Identify** the slow resource
2. **Inspect** server response
3. **Analyze** render-blocking resources
4. **Optimize** images and fonts
5. **Reduce** JavaScript
6. **Retest**

07 Off-Page SEO & Link Building

Authority through relevance and trust

Build authority through relevance, trust and genuine relationships.

EFFECTIVE APPROACHES

- Earn links through original research, useful resources and expert contributions.
- Build relationships with relevant industry publications and professional organizations.
- Recover broken backlinks and unlinked brand mentions where appropriate.
- Review competitors' relevant referring domains to discover legitimate outreach opportunities.
- Monitor lost links, suspicious link patterns and brand reputation.

Avoid

- Paid links intended to manipulate rankings
- Automated link schemes
- Private blog networks
- Mass directory submissions

Remember

One relevant, editorially earned link can be more valuable than hundreds of low-quality links.

08 Local SEO

Win nearby searches

Especially important for clinics, healthcare facilities and location-based businesses.

- Fully maintain the **Google Business Profile**.
- Keep business name, address, phone number, categories and opening hours accurate.
- Create useful location and service pages without duplicating content across cities.
- Maintain consistent business information across important directories.
- Encourage genuine patient/customer reviews and respond professionally.
- Add appropriate `LocalBusiness` or more specific business structured data where applicable.
- Track local visibility, calls, direction requests, bookings and qualified leads.

Pro trick

Make every location page genuinely useful: exact location, access information, relevant services, local contact details and the professionals available there.

Do not

Create fake locations or keyword-stuffed business names.

09 International & Multilingual SEO

Right signals, right language

For multilingual websites, correct technical signals are as important as translation quality.

- Use a clear URL structure, such as `/en/`, `/ar/` or country-specific subdirectories.
- Implement reciprocal, valid `hreflang` annotations for relevant language and regional alternatives.
- Include a self-referencing canonical on each language version when appropriate.
- Ensure canonical URLs do not incorrectly point every language page to one version.
- Translate metadata, navigation, structured data and important page content.
- Use native-language review, especially for medical and culturally sensitive content.
- Avoid automatic redirects that prevent users or search engines from accessing alternate versions.

Important

Arabic and English pages should provide **equivalent value**, not merely literal translations.

10 Healthcare SEO

Trust is the strategy

Healthcare content requires greater attention to accuracy, transparency and professional oversight.

E-E-A-T IN PRACTICE

Experience	Expertise	Authoritativeness	Trustworthiness
First-hand, real-world knowledge	Qualified, credentialed authors	Recognized by peers and sources	Accurate, transparent, secure

E-E-A-T is a quality framework, not a single ranking factor.

- Publish accurate doctor profiles with qualifications, specialties and relevant credentials.
- Identify medical authors and qualified reviewers where appropriate.
- Provide trustworthy medical references and clear editorial review processes.
- Keep service descriptions, treatment information and clinic details accurate.
- Use appropriate medical or physician structured data when supported by the visible content.
- Maintain secure booking forms and protect patient information.
- Follow applicable healthcare advertising, privacy and consent requirements.

Healthcare content trick

Answer the patient's real questions—eligibility, preparation, procedure, recovery, risks, alternatives and when to seek professional care—without making unsupported guarantees.

Never

Fabricate doctor credentials, testimonials, medical statistics or treatment outcomes.

11 Schema & Structured Data

Help machines understand your pages

Structured data helps search engines interpret page information and may make eligible pages qualify for certain search features. It does **not** guarantee rich results or higher rankings.

Page type	Possible schema
Organization	`Organization`
Clinic	`MedicalClinic` or an appropriate `LocalBusiness` subtype
Doctor profile	`Person` or `Physician`, when applicable
Article	`Article` or `BlogPosting`
Breadcrumbs	`BreadcrumbList`
Product	`Product`
Event	`Event`

IMPLEMENTATION RULES

1. Use JSON-LD where practical.
2. Ensure markup accurately reflects visible page content.
3. Validate syntax with the Schema Markup Validator.
4. Test Google-supported rich-result types with the Rich Results Test.
5. Check GSC enhancement reports where available.
6. Avoid fabricated ratings, reviews, FAQs or properties that do not apply.

> **FAQ markup reality check**
>
> FAQ markup is not a shortcut to enhanced search visibility; Google limits FAQ rich results largely to authoritative government and health websites.

12 AEO & GEO

SEO for AI search

AEO

AEO

Answer Engine Optimization

GEO

GEO

Generative Engine Optimization

The goal is to make your content useful, understandable, trustworthy and discoverable across traditional search, AI-powered search and answer experiences.

PRACTICAL TACTICS

1. Answer important questions directly, then provide useful supporting detail.
2. Use descriptive headings and clearly defined concepts, entities and relationships.
3. Publish original insights, data, expert commentary and first-hand experience.
4. Keep business information, professional profiles and service details consistent.
5. Ensure important content is crawlable and available as text—not trapped inside images.
6. Strengthen internal linking and cite reliable sources.
7. Monitor AI referrals, relevant mentions and available search performance reports.

> **Myth-busting**
>
> There is no guaranteed AI-ranking formula. Google says its foundational SEO practices remain relevant to AI search features; special AI markup, keyword stuffing, unnecessary content chunking and `llms.txt` are not magic ranking shortcuts.

Measure meaningful outcomes, not just whether a brand appears in one AI-generated answer.

13 Image, Video & YouTube SEO

Make media discoverable

- Use descriptive filenames and meaningful alt text.
- Compress images and serve appropriate dimensions.
- Add images close to relevant supporting content.
- Create descriptive video titles, descriptions and captions.
- Provide a dedicated, useful watch page when video search visibility matters.
- Use supported video structured data where applicable.
- Ensure thumbnails, playback access and indexing requirements are correct.

WordPress tip

For WordPress video URL fields, verify the expected format. Some integrations accept standard YouTube watch URLs, while others require an embed URL.

14 SEO Analytics & Reporting

Report outcomes, not vanity

YOUR CORE TOOLKIT

Tool	Use it for
Google Search Console	Queries, clicks, impressions, CTR, position and indexing
GA4	Landing-page engagement, key events and conversions
Google Tag Manager	Reliable event and conversion tracking
Ahrefs / Semrush	Keyword opportunities, competitor analysis, backlinks and rank tracking
Screaming Frog (or similar)	Technical audits and site architecture
PageSpeed Insights	Lab diagnostics and available field data

Report business outcomes, not vanity metrics

Track organic conversions, qualified leads, bookings, revenue where measurable, non-brand visibility, important keyword groups, landing-page performance and technical health.

SEGMENT AND COMPARE

- Segment branded vs. non-branded queries, device, country, page type and service line.
- Compare equivalent date ranges and annotate major site changes.
- Remember: average position is an aggregate metric, not a precise universal ranking.

15 AI-Powered & Automated SEO

A force multiplier, not an autopilot

Use AI as a force multiplier, not an unchecked autopilot.

HIGH-VALUE AUTOMATION OPPORTUNITIES

- Crawl analysis and issue prioritization.
- Keyword clustering and search-intent classification.
- Content briefs and page-refresh suggestions.
- Internal-link recommendations.
- Schema generation and validation workflows.
- GSC/GA4 anomaly detection and scheduled reporting.
- Drafting client recommendations and tracking implementation status.

THE SAFE WORKFLOW



Guardrails for WordPress automation

- Preserve backups, staging tests, access controls, audit logs and rollback options.
- Require human review for medical claims, mass redirects, deletion, canonical changes and significant content updates.

16 The Monthly SEO Operating System

A rhythm that compounds

Weekly

- Review indexing, traffic anomalies, technical errors and priority opportunities.
- Monitor important landing pages and conversions.
- Resolve high-impact issues first.

Monthly

- Review GSC, GA4, keyword tracking and competitor movements.
- Refresh declining pages and improve internal linking.
- Audit new content, structured data and Core Web Vitals.
- Report completed work, results, blockers and next priorities.

Quarterly

- Revisit keyword strategy, content gaps, site architecture and backlink quality.
- Review multilingual/local performance and conversion tracking.
- Reassess business goals, technical debt and automation opportunities.

Quick Start: Your First 30 Days

A simple starting plan for any website

W1

Week 1 — Foundations

Set up Search Console, GA4 and conversion tracking. Submit the sitemap. Run a full crawl and note critical issues.

W2

Week 2 — Fix blockers

Resolve indexing, redirect, 404 and canonical problems. Check mobile usability and Core Web Vitals on key templates.

W3

Week 3 — Quick wins

Map keywords to pages by intent. Improve titles and content for queries ranking in positions 5–20. Add internal links to priority pages.

W4

Week 4 — Measure & plan

Build a business-outcome report, set the weekly and monthly rhythm, and prioritize the next quarter using the Final Rule.

The Ultimate SEO Checklist

Before declaring any important page SEO-ready, confirm:

- ☐ It satisfies a clear search intent.
- ☐ It is crawlable, indexable and canonically correct.
- ☐ Its title, heading and content are distinctive and useful.
- ☐ It has relevant internal links and optimized media.
- ☐ Its structured data is accurate, where applicable.
- ☐ It works well on mobile and offers a good user experience.
- ☐ Its factual claims and professional information are trustworthy.
- ☐ Analytics and relevant conversions are measured.
- ☐ Its performance will be reviewed after publication.

★ Final Rule: Prioritize What Matters

When everything looks important, prioritize using:

Impact × Confidence × Opportunity ÷ Effort

- Fix **critical indexing problems** before polishing minor metadata.
- Improve **existing pages with demonstrated potential** before publishing dozens of similar articles.
- Prioritize **qualified leads and sustainable growth** over vanity rankings.

> ***"The best SEO strategy is not doing everything. It is consistently identifying and implementing the changes most likely to create measurable value."***

Glossary

Key terms at a glance

Term	Meaning
AEO / GEO	Answer Engine Optimization / Generative Engine Optimization: optimizing for AI-powered answers.
Canonical URL	The preferred version of a page when several URLs show similar or identical content.
CLS / INP / LCP	Core Web Vitals measuring visual stability, responsiveness and loading speed.
CTR	Click-through rate: clicks divided by impressions.
E-E-A-T	Experience, Expertise, Authoritativeness, Trustworthiness: a quality framework.
GSC	Google Search Console, Google's free tool for search performance and indexing data.
hreflang	An annotation that tells search engines which language or region a page targets.
JSON-LD	A format for adding structured data to a page.
noindex	A directive asking search engines not to include a page in their index.
SERP	Search engine results page.
Topical authority	Depth and quality of coverage of a subject that signals expertise.

About the Author

Engr. Mudassir Hassan Khan



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COMPUTER SOFTWARE ENGINEER

SEO Specialist • WordPress Developer • Technical SEO & AI Search Strategist

Engr. Mudassir Hassan Khan is a software engineer and certified SEO expert based in Abu Dhabi. He helps people and businesses develop websites and online stores, and rank them in Google and other search engines. His interests range from technology, artificial intelligence and innovation to competitor research and programming.

What I do

Building websites and online stores, and ranking them in Google and other search engines.

Values: SAW

Support, Assertiveness, Well-being.

Mission

Innovating and developing your ideas.

Search Engine Optimization

Strategies, techniques and tactics to increase visitors and earn high rankings.

Web Design & Development

From small one-page websites to highly advanced online stores, built to your requirements.

SELECTED CREDENTIALS

- PEC Registered Engineer (Pakistan Engineering Council)
- Google Developer Profile
- Google Skills badges (Generative AI)
- International Academic Qualifications (verified credential)
- Optimizing a Website for Google Search (Coursera)
- Introduction to Google SEO (Coursera)
- Google SEO Fundamentals (Coursera)
- Increase SEO Traffic with WordPress (Coursera)
- Competitive Analysis & Keyword Research (Semrush Academy)
- Cybersecurity in Action
- Six Sigma White Belt
- One Million Prompters

CONNECT

Portfolio: www.mudassir.co

LinkedIn: linkedin.com/in/engrmhk1

ENGR. MUDASSIR HASSAN KHAN

COMPUTER SOFTWARE ENGINEER

SEO Specialist | WordPress Developer | Technical SEO & AI Search Strategist

Make it discoverable. Make it useful. Make it measurable.

Portfolio: www.mudassir.co

LinkedIn: linkedin.com/in/engrmhk1

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