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Digital Marketing in Yemen: Opportunities and Challenges

Sakher Farea Ghaleb Algonaid[1], Hani Gamil Mohammed Murshed[2]

[1]Central bank Of Yemen
[2]Product Specialist Merck

Email : Sakherjonied@gmail.com, Hani.gamil2013@gmail.com

Abstract

In light of the rapidly accelerating global digital transformation, digital marketing has emerged as one of the most important economic and social pillars of the 21st century. This research aims to explore the reality of digital marketing in Yemen, a country experiencing a protracted humanitarian and economic crisis. It analyzes the opportunities this field can provide to enhance economic activity and empower small and medium enterprises (SMEs), alongside the fundamental challenges that hinder its spread and effectiveness. Using a descriptive-analytical methodology, the study examines economic, technical, legal, and social aspects. The research concludes that digital marketing represents a strategic opportunity to overcome geographical and logistical constraints, open new markets, and create job opportunities. However, it faces significant challenges, including weak digital infrastructure, a skills gap, the absence of a regulatory legal framework, and widespread digital illiteracy. The research recommends the adoption of national policies and strategies to promote digital marketing, offering practical recommendations for government entities, educational institutions, companies, and individuals to maximize benefits and mitigate risks. It emphasizes that investment in this field is not a luxury but an imperative necessity for survival and growth in the contemporary economy.

Keywords: Digital Marketing, Yemen

INTRODUCTION

Digital marketing is no longer merely a complementary tool but has become the backbone of any successful modern business or service activity. In a world where purchasing decisions are shaped through phone and computer screens, digital platforms

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such as Facebook, Instagram, TikTok, and Google have become indispensable tools for reaching customers and building brands. In the context of Yemen, which suffers from the repercussions of an extended conflict leading to deteriorated infrastructure and the collapse of numerous sectors, digital marketing emerges as a promising horizon that could contribute to revitalizing the local economy and empowering youth and women through the creation of internet-based projects.

Despite difficult circumstances, there is notable growth in the use of social media in Yemen, with the number of internet users exceeding approximately 5-7 million, according to a 2023 report by the Yemeni Telecommunications Regulatory Authority. This constitutes a large potential audience base for digital marketing. However, this growth is not matched by a similar development in skills, infrastructure, or regulatory framework, creating a gap between potential and reality. Therefore, this research aims to highlight this gap by analyzing the available opportunities and existing challenges, providing a comprehensive overview of the state of digital marketing in Yemen, along with proposing practical, actionable solutions.

Problem Statement:

The research problem is encapsulated in the following question: To what extent can digital marketing be an effective driver of economic growth in Yemen? What are the most prominent opportunities that can be exploited, and the challenges that must be overcome to ensure its success and sustainability in an environment suffering from scarce resources and weak infrastructure?

Research Objectives:

1. To define the concept of digital marketing, its tools, and its importance.
2. To analyze the economic and social opportunities provided by digital marketing in the Yemeni context.
3. To identify the main challenges (technical, economic, legal, social) facing the adoption and application of digital marketing in Yemen.
4. To provide practical recommendations for government entities, educational institutions, companies, and individuals to maximize the benefits of digital marketing opportunities and minimize its risks.

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STUDY METHODOLOGY

This research relies on a descriptive-analytical methodology, which aims to describe the reality of digital marketing in Yemen. Data was collected through a review of recent literature and academic studies, reports issued by international and national organizations, and by conducting interviews with a number of Yemeni entrepreneurs active in the field of digital marketing to obtain realistic and tangible insights.

LITERATURE REVIEW:

1. **Arjinder Kaur, et al. (2017):**

   The study aimed to discuss the growth, challenges, and opportunities in the constantly evolving field of digital marketing and its role in economic development. It concluded that e-marketing offers promising opportunities. Despite the numerous problems facing marketing in developing countries, there are promising prospects for the future. Marketing is thus the optimal solution to the problem of underdevelopment in these countries. When adopted and practiced, marketing will help develop appropriate technologies, meet the needs of the people, improve their standard of living, provide job opportunities for the unemployed, enrich entrepreneurs, and provide them with means of education and entertainment. Therefore, governments and individuals are encouraged to unite and work to develop and appreciate marketing in all economies of developing countries.

2. **D. Poorani et al. (2021):**

   This study aimed to highlight digital advertising and marketing and their challenges. It seeks to provide the ability to visualize how digital advertising strategies are formulated and perceived by customer segments. Producing a unified digital advertising style is easier for products with common human purchasing behaviors than for products used in unique cultural ways. The study concluded by exploring the challenges and available possibilities in these mediums, solutions to overcome these problems, analyzing the optimal approach under the current state of this field, and suggesting directions for future development in digital marketing.

3. **Ashraful Alam (2021)**:

   The study aimed to explore the challenges and opportunities of digital marketing in Bangladesh, in addition to investigating potential collaboration opportunities between Finnish and Bangladeshi digital service companies. The study focused on four specific research questions: (a) What is the current state of

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digital marketing in Bangladesh? (b) What are the opportunities and challenges in digital marketing in Bangladesh? (c) What are the digital strategies and expertise in Finland? and (d) How can cooperation with Finnish digital service companies benefit Bangladeshi digital marketing agencies? The study concluded that, in line with global trends, digital marketing in Bangladesh is growing rapidly and has multiple opportunities. However, due to a lack of specific strategies, knowledge, and experience, Bangladesh cannot fully leverage its digital marketing potential. Therefore, Bangladesh needs collaborative learning opportunities to develop strategy, knowledge, and skills in this field to achieve successful and effective digital marketing. A key finding is that social media marketing is the most popular paid advertising channel in Bangladesh.

4. **M. Mahesh Kumar (2017)**:

   The study aimed to understand digital marketing and examine its challenges and opportunities. It concluded that a well-planned marketing strategy is needed to keep pace with this technological evolution, and steps must be taken to adapt to the changing technological environment. In the near future, technological development will provide a platform for the digital marketing system and vast opportunities for business growth.

5. **Rajesh Kumar et al. (2021)**:

   The study aimed to highlight the concept of e-marketing. The research methodology relied on secondary data from various databases, including books, research, and articles related to e-marketing available online. The study concluded that e-marketing allows companies to collect data on their customer base, which was difficult to achieve through traditional marketing methods. There is also high demand for digital marketing specialists across India as the economy returns to normal. An online marketing strategy is something any company or institution can organize and manage itself. Identifying the target audience and market, as well as their needs and wants, is essential.

6. **UNESCO Study (2023):**

   A report titled "The Digital Divide in Yemen: Challenges and Opportunities." The report indicated that Yemen has one of the highest growth rates of internet users but suffers from the lowest levels of investment in digital skills, threatening to waste this opportunity.

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THEORETICAL FRAMEWORK

Concepts of Digital Marketing

Digital Marketing: The process of promoting products, services, or ideas using digital channels and electronic technologies, such as search engines, social media, email, websites, and mobile applications. It aims to reach target customers, build relationships with them, and achieve business goals through precise measurement and analysis of results. It is also considered a non-traditional virtual platform, primarily based on the internet, for promoting products and services, communicating with customers, and identifying and understanding user needs using digital technologies and devices. It is one of the most effective and important strategies for promoting businesses online, aiming to enhance brand awareness and business development. (KANI RIZGAR ALI SALAYI, 2020)

Main Digital Marketing Tools:

- Search Engine Marketing (SEO & SEM): Optimizing the visibility of a website or page in organic search results (SEO) or through paid advertisements (SEM) on Google and Bing.
- Social Media Marketing (SMM): Using platforms like Facebook, Instagram, TikTok, Snapchat, and Twitter to interact with the audience, build the brand, and promote products (Chandan Kumar Mishra, 2020).
- Email Marketing: Sending promotional or informational messages directly to potential or current customers to build loyalty and stimulate sales.
- Content Marketing: Creating and distributing valuable and relevant content (articles, videos, infographics, podcasts) to attract and engage customers, motivating them to take action.
- Affiliate Marketing: A system where a merchant pays a commission to a third party (affiliate marketer) for bringing in customers or sales through a special link.
- Influencer Marketing: Collaborating with individuals who have a large number of followers on social media to promote products or services (Outi Nieminen, 2021).

Importance of Digital Marketing:

1. Reaching a Wider and Larger Audience: Digital marketing allows you to reach potential customers in your city, country, and even around the world, regardless of the size of your project or store, breaking the barrier of geographical location.

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2. Lower Cost Compared to Traditional Marketing: Digital marketing methods (e.g., social media and email) are often much less expensive than TV or print ads and provide a better return on investment, especially for startups and small businesses.
3. Accurate and Easy Measurement of Results: You can know how many people saw your ad, the click-through rate, and the resulting number of sales instantly. This data helps you understand what works and improve your strategy without guesswork.
4. Building Strong Customer Relationships: Through direct interaction with them on social media and responding to their comments and messages, you can build trust and brand loyalty, encouraging them to do business with you again.
5. Fairer Competition for Small Businesses: The internet allows startups and small businesses to appear alongside major brands, where quality and useful content matter, not just the size of the advertising budget.
6. 24/7 Marketing: Your website and social media accounts operate 24/7, meaning you can attract new customers and display your products at any time, even while you sleep. (Ashraful Alam, 2021).

Digital Marketing in Yemen: Opportunities

Despite the challenges, Yemen has immense potential to benefit from digital marketing. The most prominent opportunities can be summarized as follows:

- **Reaching More Customers**: An online presence allows you to reach more customers. If you are a small business owner wanting to reach customers in your area, you can do this through online marketing via websites. Your business will appear in search results when a consumer searches for you. Your online presence will first attract the attention of a potential customer. If your online presence is accompanied by positive reviews and professional clientele, they will notice your good reputation and be more likely to choose your products. (Nabil Mohammed Ali, et al., 2024)
- **Empowering Small and Start-up Projects**: Digital marketing provides a golden opportunity for owners of small businesses, handicrafts, and local products to reach customers throughout Yemen and even beyond, without the need for physical stores or huge advertising budgets. For example, many homemakers in Yemen now rely on Instagram pages to sell home-cooked meals and embroidered clothes, providing them with an independent income.

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- **Overcoming Geographical and Logistical Constraints**: Given the difficulty of movement between governorates due to the security situation, digital marketing allows traders in the north to connect with customers in the south and vice versa, revitalizing internal trade. It also opens the door to the electronic export of unique Yemeni products such as honey, coffee, and spices.
- **Creating Job Opportunities for Youth**: The field of digital marketing (page management, graphic design, video production, data analysis) represents a promising field for employing Yemeni youth, especially university graduates who possess basic technical skills that can be developed. Many young Yemenis currently work as freelancers for Arab and foreign companies through online platforms. (fiojyn.com, 2025)
- **Increasing Sales and Reducing Costs**: A website provides access to a wide audience without spending huge sums. For example, it reduces the paper costs associated with direct marketing and advertisements in magazines or newspapers. (D. Poorani et al., 2021)
- **Demand for Products and Services**: Regions around the world are aware of the vast resources of information provided by the internet and are interested in content, products, and services not available in their own areas. (Rajesh Kumar et al., 2021)

Digital Marketing in Yemen: Challenges

On the other hand, the process of adopting digital marketing in Yemen faces significant obstacles, the most important of which are:

- **Weak Technical Infrastructure**: Yemen suffers from frequent power outages, slow and unstable internet speeds, and high prices for internet packages relative to income. This makes it difficult for companies and individuals to manage continuous and effective marketing campaigns or even update their content regularly.
- **Lack of Skills and Expertise**: There is a severe shortage of qualified personnel in advanced digital marketing fields such as data analysis, search engine optimization (SEO), and paid advertising. Most users rely on basic skills and self-taught knowledge, which reduces the effectiveness of their efforts. (Ms. Arjinder Kaur, et al., 2017)
- **Absence of a Legal and Regulatory Framework:** There are no clear laws in Yemen regulating e-commerce, protecting personal data, or ensuring digital intellectual property rights. This creates an environment of legal uncertainty,

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exposes consumers and traders to fraud, and reduces people's confidence in digital transactions.

- **Digital Illiteracy and Lack of Awareness**: A significant portion of the population, especially in rural areas, still lacks the basic skills to use the internet safely and effectively. Furthermore, many business owners are not yet aware of the immense potential of digital marketing or view it as a waste of time.
- **Difficulty of Electronic Payment**: The electronic payment system in Yemen is significantly weak. Few people possess bank cards, and local payment platforms like "Yemen Pay" and "Easy Pay" are still in their early stages and not widely spread. This hinders the completion of online sales and purchases and is a fundamental obstacle to the growth of e-commerce and associated digital marketing. (Al-Junaid, Sakhr et al., 2025).

Table 1 Traditional Marketing vs. Digital Marketing in the Yemeni Context

Comparison Criterion	Traditional Marketing	Digital Marketing	Observations on the Yemeni Context
Cost and Budget	Very high. Requires exorbitant costs for production (e.g., filming a TV ad) and publishing (buying ad space).	Relatively low Can start with symbolic budgets on social media platforms and focus on organic content.	Traditional: Impractical for startups and small businesses. Digital: More democratic and suitable for everyone, but international ad payments may be difficult.
Reach & Geographic Coverage	Limited. Confined to specific geographical areas (e.g., Sana'a or Aden capital) and difficult to reach villages and remote areas.	Theoretically unlimited. Can reach any customer in any Yemeni governorate with an internet connection, even the Yemeni diaspora abroad.	Traditional: Effective in dense urban areas. Digital: Suffers from poor internet outside major cities.
Targeting Accuracy	General and imprecise. The ad is	Very precise. Can target based on:	Digital: Offers high efficiency as you pay only for the

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Comparison Criterion	Traditional Marketing	Digital Marketing	Observations on the Yemeni Context
	directed to the general public without distinction (e.g., an ad in a newspaper everyone reads).	age, gender, geographic location (specific neighborhood), interests, behaviors.	audience genuinely interested in your product, reducing waste.
Interaction & Engagement	One-way communication. The company talks, and the customers listen. No room for immediate dialogue.	Interactive (Two-way communication). Direct dialogue with customers through comments, direct messages, polls, and live streams.	Digital: Builds stronger brand loyalty and creates a community around the brand. Requires a team to respond to inquiries.
Speed and Flexibility	Slow. Designing, producing, and launching an ad campaign can take weeks or months. Difficult to modify after publication.	Very fast and flexible. A campaign can be launched, modified, or stopped within minutes. Responds to daily events and trends.	Digital: Ideal for promoting quick offers. The main challenge in Yemen is infrastructure.
Main Challenge in Yemen	Cost and Logistics: High production costs, difficulty and cost of distributing print materials or organizing events across governorates.	Infrastructure: Poor and unstable internet service, lack of specialized digital skills, absence of reliable electronic payment systems.	Both types face structural challenges, but the challenges of digital may be easier to solve with improved infrastructure.

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Comparison Criterion	Traditional Marketing	Digital Marketing	Observations on the Yemeni Context
Duration and Impact	Often short-term impact. A TV or radio ad lives for minutes; print materials lose their impact quickly.	Long-term impact. Content (article, video, post) can remain on the platform and continue to work, attracting customers for months or years.	Digital: Keeps giving and acts as a permanent asset for the brand.
Credibility and Trust	Relatively high. The Yemeni audience traditionally trusts traditional media (TV, newspapers) more as it is established and tangible.	Medium to low (requires building). Due to the spread of unreliable content, the brand needs time to build its credibility online.	Traditional: Relies on the credibility of the conveying medium. Digital: Relies on content quality and customer interaction.
Documentation and Display	Difficult to document and display again. The customer needs to save a brochure or remember the broadcast channel to see the ad.	Easy to document and share. The customer can easily save the post, share it with friends, or return to it later.	Digital: Facilitates the customer's purchasing decision process and enhances organic word-of-mouth sharing.
Skills Required	Traditional skills: artistic production, printing, public relations, dealing with media.	Digital and technical skills: platform management, data analysis, content writing, graphic design, SEO, paid advertising.	There is a severe shortage of qualified personnel in the digital field, creating excellent job opportunities for educated youth.

Source: Researcher's analysis based on field interviews with Yemeni entrepreneurs.

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CONCLUSION AND RECOMMENDATIONS

This research concludes that digital marketing is not just an option but a strategic necessity for Yemen. It represents a powerful tool for empowering the local economy, creating job opportunities for youth, and reconnecting the internal and external Yemeni market. The available opportunities are immense, ranging from a large user base to low entry costs. However, these opportunities will not be realized unless the structural challenges of weak infrastructure, skills shortages, and the absence of a legal framework are addressed.

The adoption of digital marketing in Yemen requires a collective effort from all stakeholders: the government, the private sector, educational institutions, and individuals. There must be a shared recognition that investment in this field is an investment in Yemen's economic future.

RECOMMENDATIONS

1. **Government and Regulatory Bodies:**
    - Develop Infrastructure: Urgent investment in improving the power and telecommunications networks, providing high-speed internet at affordable prices.
    - Establish a Legal Framework: Enact laws regulating e-commerce, protecting personal data, ensuring consumer and seller rights, and combating electronic fraud.
    - Support Digital Projects: Create facilitated financing funds and business incubators to support entrepreneurs in the field of digital marketing and e-commerce.
2. **Educational Institutions and Universities:**
    - Incorporate Digital Marketing into Curricula: Develop academic and training programs in digital marketing and digital entrepreneurship.
    - Organize Free Workshops: In cooperation with international organizations, to train youth and small business owners on basic skills.
    - Establish Centers of Excellence: To produce high-quality digital content and provide consultations to startups.
3. **Companies and Individuals:**
    - Invest in Learning: Business owners should learn the basics of digital marketing through free online courses (YouTube, Coursera, and other platforms and websites).

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- Focus on Building Trust: In the absence of trust in digital transactions, merchants must focus on transparency, product quality, and excellent customer service.
- Seek Local Payment Solutions: Use available payment methods such as bank transfers or cash on delivery (COD) until electronic payment platforms become widespread.

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