A Business Analytics Case Study

2024

Presented By – Malay Patel

Strategic Growth: Leveraging Acquisitions for Profitability Enhancement in the Global IT Sector

An Indian IT Service and product company, with a global employee base of over 5000 resources, is facing a challenge. Despite having a strong presence in India, the US, the Middle East, and Europe, and offering a diverse range of IT solutions and products, the company's year-on-year margin improvement rate is lagging behind its competitors (11% vs 26%).

The company's revenue primarily comes from the BFSI sector (46%), the Healthcare sector (21%), and other sectors like Retail, Public sector, Manufacturing, Travel, Entertainment etc. It also has a product-based business providing pre-made software and applications for companies, with 90% of the product revenue coming from the digital marketing product.

While the company enjoys good margins from the BFSI and Retail sectors and from business in the US and Europe, the margin is very low in business in India and other Asia Pacific countries. To address this, the company is considering acquiring smaller organizations specializing in niche technologies and having a larger customer base.

The key question this case study aims to answer is: Can the strategy of acquiring smaller organizations help the company improve its margins? If so, how? If not, what alternate strategies should the company consider to enhance its profitability and competitiveness?

To answer this question, the case study will:

1. Identify the root problem using the MECE principle.
2. Break down the profitability structure into 'Revenue' and 'Cost'.
3. Analyze the potential growth for different sectors in the company's key investment regions: India, the US, and Europe.
4. Explore other promising sectors in the US, Europe, and India.
5. Finally, provide recommendations for where the company should invest and what kind of acquisitions it should consider.

CASE STUDY FINDINGS:

Executive Summary:

This case study delves into the challenges faced by an Indian IT service and product company with a global workforce of over 5000 employees. The organization grapples with a lower year-on-year margin improvement rate (11%) compared to its competitors (26%). The proposed strategy revolves around acquisitions, focusing on smaller organizations specializing in niche technologies.

Background:

The company operates in the IT solutions and Annual Maintenance Services sector, with a significant revenue share from the BFSI sector (46%). Its product-based revenue primarily comes from digital marketing (90%), indicating a potential area for improvement in product diversification. The geographical distribution of revenue highlights a substantial presence in the US, Europe, and the Middle East.

Problem Statement or Research Questions:

The core issue is the company's struggle to match competitors' margin improvement rates. The key questions include why the current margin improvement is lagging and how the company can enhance its profitability in the competitive IT landscape.

Theoretical Framework:

The theoretical framework centres around acquisition strategies, revenue improvement, cost optimization, market expansion, employee base expansion, and continuous improvement. These elements provide a comprehensive approach to address the identified challenges and align with the company's growth objectives.

Analysis:

The analysis is structured into Revenue and Cost components, considering IT solutions and maintenance, product-based revenue, geographical revenue distribution, and sector-wise revenue distribution. Cost analysis includes employee costs, regional margins, and product margins. This breakdown allows for a detailed examination of the company's financial landscape.

Findings:

The findings highlight a potential mismatch in revenue distribution among the company's products, with digital marketing dominating while others are underrepresented. Regional variations in margin percentages underscore the need for strategic resource allocation. Additionally, the company's struggle to keep pace with competitors in margin improvement necessitates a holistic revolution of its operations.

Conclusion:

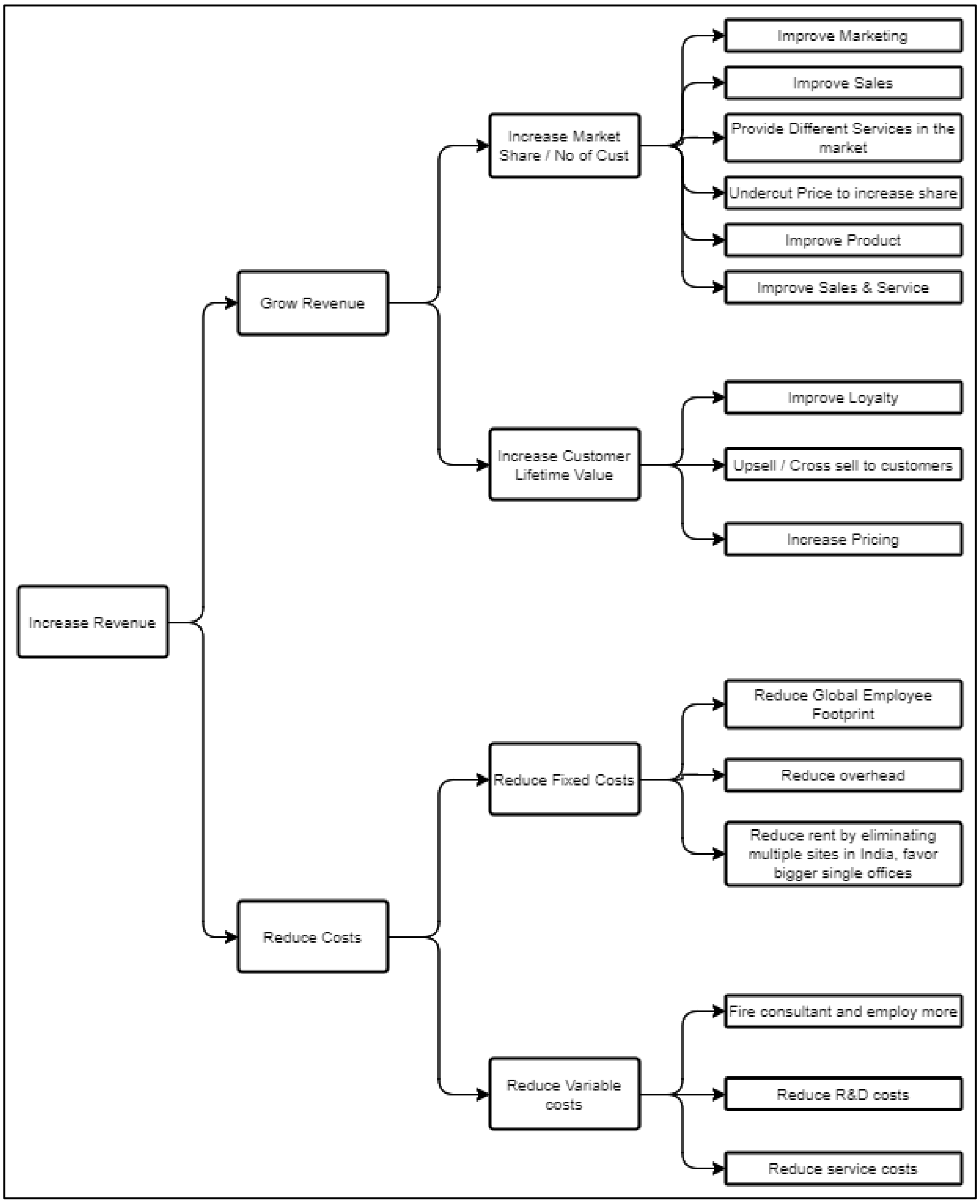
In conclusion, the case study presents a roadmap for the company to overcome its margin improvement challenges. The recommended strategy involves targeted acquisitions, emphasizing healthcare IT in the US and Europe and expanding into the BFSI sector in India. Cost optimization measures, market expansion through partnerships, and a continuous improvement culture are integral components of the proposed approach. The company must remain agile, continuously monitor market trends, and prioritize customer-centric solutions for sustained success in the dynamic IT industry.

THE CASE STUDY

The Strategy:

Acquiring smaller organizations may enhance margins through factors like cost synergies, revenue synergies, and market expansion. However, risks like integration challenges, cultural differences, and decreased employee morale should be considered. Alternatively, the company could invest in technology, focus on high-margin areas, expand product offerings, and improve operational efficiency as part of its strategy. The effectiveness of acquisitions should be evaluated within the context of a broader business approach that adapts to market trends.

The **root problem** revolves around the company's struggle to improve its year-on-year margin at a competitive rate (11% vs 26%). This issue can be categorized into revenue and cost components.



MSME BREAKDOWN OF COMPANY REVENUE INCREASE STATERGY

By following some of these steps, the company can decrease the percentage gap between it and the competitors but a serious re-visit to it's mothed of operations needs to be done.

Profitability and Costs Distribution

While it's IT and Maintenance revenue is nice, it's product-based revenue is bad to put it nicely, a 90% share going to 1/3 of the product means there is a serious lack of attention/aid being provided to the other 2 products. To increase margins in this sector means increasing overall company margins by a good percent as products bring in 40% (4% each).

Other revenue stream such as the IT service and maintenance in the retail sector can be given attention to as the margin in that sector is great (39%) the total market share for the company in this sector seems to be lower though, so focus should be put in increasing customers from that sector.

Revenue:

- **Service Revenue (60%):**
    - **a)** IT Solutions and Maintenance (46%)
- Product-based Revenue (40%):
    - a) DevOps Bundle
    - b) Cybersecurity
    - c) Digital Marketing (90% of product revenue)
- **Geographical Revenue Distribution:**
    - **a)** US (32%)
    - b) Middle-east (27%)
    - c) Europe (20%)
    - d) India (Undisclosed %)
- **Sector-wise Revenue Distribution:**
    - a) BFSI (46%)
    - b) Healthcare (21%)
    - **c)** Other Sectors (33%)

In costs, a main red flag is the number of contractors that are hired, in the country which has most of the resources for the company. A suggestion may be to increase number of permanent employees and reduce the contractors, reduce the number of resources allocated in countries/regions with very low margins (India and Asia Pacific), else try increasing the market share/profitability here. Lesser margin region like the middle east can use these resources to increase revenue or higher margin regions (US and Europe) can be allocated these resources to squeeze higher margins. Can try to get fixed costs of product development to the lowest to get higher margins.

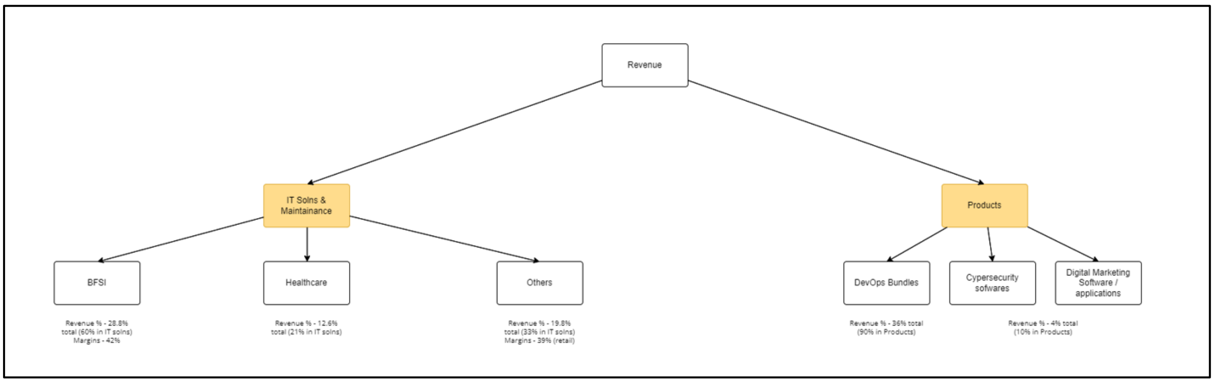
Costs:

- Employee Costs:

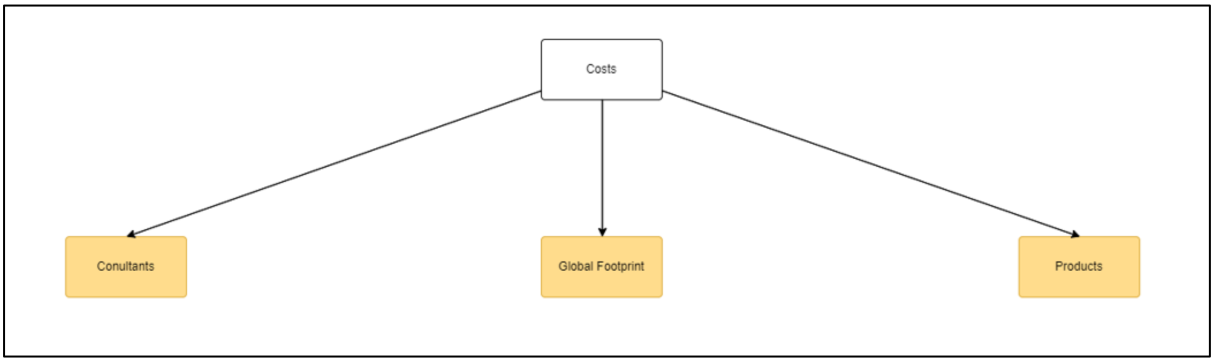
1. Permanent Employees (87% of workforce)
2. Contractors (13% of workforce)

- Regional Margins:
  1. India (9%)
  2. Other Asia Pacific Countries (14%)
  3. US (48%)
  4. Europe (44%)
  5. Middle east (27%)
  6. Australia (5%)

- Product Margins:
  1. DevOps Bundle
  2. Cybersecurity
  3. Digital Marketing (90% of product revenue)



Profitability Sub-Tree



Costs Sub-Tree

Potential Growth for the IT Sector in India, USA and Europe:

India: The IT sector in India is set to grow big time. According to Gartner, they're saying that IT spending in India will hit $124.6 billion in 2024, which is like 10.7% more than what it was in 2023. Also, the money made from IT services is expected to keep growing at a rate of 7.1% for the next five years.

United States: Over in the US, the IT Services Market is looking huge, estimated to be around a whopping USD 1.20 trillion in 2024. And get this, it's expected to jump up to USD 1.81 trillion by 2029, with a growth rate of 8.38% during that time. That's some serious money stuff.

Europe: Europe's also on the IT growth train. The revenue from the IT Services Market there is predicted to climb by 7.1% over the next five years. Apparently, more spending on IT, cool tech like artificial intelligence, and a bunch of cloud-based stuff is driving up the demand for IT services.

All these growth numbers are basically saying that IT is blowing up in these places. If the company invests in these markets, it could mean more cash coming in. But we got to be smart about it and investigate what each place wants. In India, they're all about digital transformation and scalable IT stuff. Meanwhile, in the US and Europe, it's all about cloud services and artificial intelligence. So, we should keep an eye on what's trending in each market to make sure our investments match up with what people actually want. Considering the company has considerable resources for IT development and Maintenance, India seems like a better option for investment. Also, since US is a big player in cyber sec industry, a good investment can be made in the product (cybersec application/software) which may pay off in the region. Finally for the product (digital marketing), investing in India may be a good option as it is a developing nation, meaning new companies are opening every other day, which can result in a greater consumption of the product.

Exploring different sectors and strategies in India and the US

Some information first,

Healthcare Sector in the US and Europe: The US healthcare industry is projected to grow at a 4% compound annual growth rate (CAGR), increasing its value from $654 billion in 2021 to $790 billion in 2026. Similarly, the digital health market in Europe is expected to grow at a CAGR of 16.0% from 2023 to 2030.

Artificial Intelligence (AI) technologies are playing a significant role in this growth. They have the potential to personalize patient interactions, streamline administrative and care processes, and save clinicians' time. This could lead to annual savings of up to $360 billion for hospitals and payers in the US.

Interestingly, healthcare services and technology companies have seen substantial reductions in their most recent valuations. This presents an opportunity for strategic and PE investors to add both talent and capabilities by acquiring these entities on favourable terms.

BFSI Sector in India: The Banking, Financial Services, and Insurance (BFSI) sector in India is also expected to see significant growth. The Indian fintech market is estimated to jump from approximately $65 billion in 2019 to $140 billion in 2023.

The International Monetary Fund's (IMF) economic growth forecast for India in 2024 is optimistic, with the BFSI sector being a significant contributor. Moreover, digital payments in India are expected to double to $135.2 billion by 2023. This indicates a significant shift towards digital transactions in the country.

Using the information about the growth in the Healthcare sector in the US and Europe, and the BFSI sector in India can be used to inform the company's strategic decisions. Here's how:

Invest in Healthcare IT in the US and Europe: Given the projected growth in the healthcare industry in the US and Europe, and the significant role of AI technologies in this growth, the company could consider expanding its IT solutions and services in the healthcare sector in these regions. This could include developing AI-enabled solutions to personalize patient interactions, streamline administrative and care processes, and save clinicians' time.

Acquire Healthcare Tech Companies: The company could consider acquiring healthcare services and technology companies that have seen substantial reductions in their valuations. This could add both talent and capabilities to the company, potentially leading to increased revenues and improved margins.

Expand in the BFSI Sector in India: Given the expected growth in the BFSI sector in India, the company could consider expanding its IT solutions and services in this sector. This could include developing fintech solutions to capitalize on the shift towards digital transactions in the country.

Acquire Fintech Companies in India: The company could consider acquiring fintech companies in India that specialize in digital payments. This could add both talent and capabilities to the company, potentially leading to increased revenues and improved margins.

Explore Other Sectors and Regions: While the healthcare sector in the US and Europe and the BFSI sector in India seem promising, the company should also explore other sectors and regions where it could expand its IT solutions and services. This could include sectors like Retail, Public sector, Manufacturing, Travel, Entertainment etc, and regions like the Middle East.

So finally, the company should use this information to inform its investment and acquisition strategies, with the goal of increasing its revenues, improving its margins, and staying competitive in the IT industry. It's also important for the company to continuously monitor market trends and adjust its strategies as needed.

Recommended Strategic Approach:

Acquisition Strategy:

- Acquire smaller organizations specializing in niche technologies.
- Look for companies with a larger customer base to facilitate cross-sell opportunities.

Acquire a small cybersecurity firm in Europe with expertise in advanced threat detection. This can enhance the company's cybersecurity product offering and provide a foothold in the European market.

Stepping into international buzz words like AI ML and cloud, acquire companies that can produce AI and ML
integrated tailor-made software's as well as into existing offerings for the costumers, doing so it gives an advantage in the market for incorporating hot trend technologies into the services.

Revenue Improvement:

- Invest in the healthcare sector in the US and Europe, considering the promising growth.
- Strengthen focus on the BFSI sector in India.
- Diversify product offerings or enhance marketing to increase revenue from other sectors.

Invest in partnerships with healthcare IT solution providers in the US. Collaborate with a European healthcare software company to offer integrated solutions.

For example:

Hospital Management System (HMS)

It is a complex software system that aims to automate hospital inner processes and serve the needs of several
interested user groups like administrative personnel, health professionals, and patients. An HMS often comprises two components (interfaces): one for clinic management and work processes and the other for patients.

Appointment Scheduling Software

This type of healthcare software runs online appointment management systems. It also consists of an admin interface and a patient interface, allowing both parties to manage the appointment scheduling. The administrative staff gets detailed data on doctors' workload in a calendar format.

For BFSI sector in India:

Form a strategic alliance with a leading Indian fintech company to jointly provide innovative solutions for the BFSI sector, these are the top 4 leading fintech companies in India:

1. HDFC AMC
2. Bajaj Finance
3. CAMS
4. CDSL

Doing so the fintech smoothens the work of BFSI sector by lending the knowledge for creating tailor made software's and digital marketing that attracts the right audience.

Cost Optimization:

- Evaluate the contractor cost structure and negotiate better terms.
- Explore outsourcing options in low-margin regions.
- Implement cost-effective measures to enhance overall profitability.

Renegotiate contracts with existing contractors, exploring cost-effective terms without compromising quality. This could involve benchmarking against industry standards. Looking for which sector and services brings in more profit and revenue finding better contractors and the services that bring least profit look for a cheaper contractor to keep a

better balance.

Negotiate flexible payment terms, such as phased payments or milestone-based payments. This can help in better cash flow management and may provide an opportunity for cost savings.

Market Expansion:

- Identify emerging markets with growth potential and invest strategically.
- Explore partnerships or joint ventures to enter new markets efficiently.

Identify emerging markets in the Asia Pacific region and form joint ventures with local technology companies establish a stronger presence. For example, companies like:

- Hitachi Ltd. Japan.
- Tata Consultancy Services Ltd. India. Subsidiary (of Tata Sons Pvt Ltd)
- Fujitsu Ltd. Japan.
- NTT DATA Group Corp. Japan.
- NEC Corp. Japan
- Infosys Ltd. India

These well-established tech companies sure do add a viable advantage in the hike in customer number and welcome premium customers, they would provide exposure to larger market and knowledge to expand the quality of available services and innovation of newer products.

Employee Base Expansion:

- Utilize acquisitions to increase the employee base with specialized skills.
- Leverage the acquired talent for efficiency and innovation.

Acquire a startup specializing in artificial intelligence or blockchain technology, incorporating their skilled workforce into the company, and partnering with companies that provide cloud facilities such as Azure /AWS services, companies like Amazon and Microsoft.

With acquiring these new department's, the open services and new product idea for a market that needs these services.

Strategic Investments:

- Prioritize acquisitions in regions with potential for revenue growth.

- Focus on technology areas that align with the company's service and product portfolio.

Diversification

Example: Invest in research and development to diversify the product portfolio. For instance, explore partnerships with augmented reality (AR) companies to integrate AR solutions into existing offerings.

Implementing the strategy of:

1. Cost leadership.

   cost leadership is a business strategy in which a company aims to become the lowest-cost producer in its industry. The primary goal is to offer products or services at the lowest possible cost to gain a competitive advantage.

2. Focus on cost.

   Look for those demographics where there is abundant resources good infrastructure and thus the cost of manufacturing, maintaining, and preserving is cheaper, this method helps in significantly reducing variable and fixed costs.

3. Differentiation.

   Creating a product that differentiate from the other similar products, the differentiation can be of quality, brand and additional characteristics that keeps the product a seen and of higher value in the market.

4. Focus on revenue.

   Focusing on those services and products that bring most to the revenue by improving its quality and performance by putting more capital into it and reduce the flow of capital into those products and services that bring lower revenue depending on the market likelihood.

Continuous Improvement:

- Implement a continuous improvement culture within the organization.
- Regularly assess market trends and competitor strategies for agility.

Establish a dedicated team for continuous market analysis, monitoring competitor strategies, and adapting the business model based on emerging trends, by acquiring more data, more the data better models can be created to make a better cross examination with the real market.

Utilize advanced analytics tools and market intelligence platforms to monitor real-time data on industry trends, competitor activities, and customer preferences.

Set up automated alerts for significant changes, enabling the company to respond promptly.

Regularly review and update the company's strategic plan based on the insights gained from market trends analysis. Be agile in adjusting long-term goals and short-term tactics to align with changing market conditions.

Cross-functional Collaboration:

Foster collaboration between different departments within the organization, such as marketing, sales, research and development, and customer support. Ensure that insights from market trends analysis are shared across the organization, allowing for a unified response.

Customer-Centric Approach:
Keep the customer at the centre of decision-making. Understand their evolving needs and expectations to tailor products and services accordingly.

In conclusion, to address the company's challenge of lagging margin improvement compared to competitors, a comprehensive strategy encompassing revenue diversification, targeted geographical investments, and prudent cost optimization is recommended. By prioritizing acquisitions in regions and sectors with high growth potential,
particularly focusing on the promising healthcare sector in the US and Europe and the BFSI sector in India, the company can foster revenue expansion. Simultaneously, careful scrutiny of cost structures, especially related to contractors, coupled with strategic outsourcing and efficiency measures, will contribute to overall profitability enhancement.

The proposed acquisition strategy, emphasizing organizations with niche technologies and a substantial customer base, provides an avenue for bolstering the employee base and cross-selling opportunities. Furthermore, a continuous improvement culture and a keen awareness of market dynamics will enable the company to stay agile and responsive to evolving industry trends.

In essence, the convergence of targeted revenue growth, cost optimization, and strategic acquisitions positions the company for a more competitive and sustainable future, ensuring not only a catch-up with competitors but also establishing a foundation for continued success in the dynamic IT landscape.

Author - **Malay Patel**

malayajay.patel@gmail.com

https://www.linkedin.com/in/patelmalay23/

https://github.com/Malay19

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