India DevOps Market By Offering (Software, Services), By Deployment (Public Cloud, Private Cloud, Hybrid Cloud), By Industry (BFSI, Retail, Government, Manufacturing, IT & Telecommunication, Healthcare, Others), By Region, Competition, Forecast & Opportunities, 2021-2031F

Market Report | 2025-06-13 | 85 pages | TechSci Research

AVAILABLE LICENSES:

- Single User License $3500.00
- Multi-User License $4500.00
- Custom Research License $7000.00

Report description:

Market Overview
India DevOps Market was valued at USD 3.81 Billion in 2025 and is projected to reach USD 10.80 Billion by 2031, growing at a CAGR of 18.96% during the forecast period. DevOps, a blend of cultural philosophies, practices, and tools, enhances collaboration between software development and IT operations teams to deliver software and services at increased speed and reliability. The market in India is expanding rapidly due to rising digital transformation efforts across industries, increased adoption of cloud technologies, and a growing preference for agile development methodologies. Organizations are investing in automation, CI/CD pipelines, and containerization to accelerate innovation and streamline deployment. The rise of startups and SMEs embracing DevOps practices, along with strong government backing for digital infrastructure, is further driving market expansion. Additionally, the integration of artificial intelligence and machine learning into DevOps processes is boosting predictive capabilities and operational efficiency, underscoring the role of DevOps as a strategic imperative in India's evolving technology landscape.
Key Market Drivers
Accelerated Digital Transformation Across Indian Enterprises
India is witnessing a sweeping digital transformation across key sectors such as banking, telecom, manufacturing, and retail. Enterprises are prioritizing modernization of legacy systems and embracing agile methodologies to stay competitive. DevOps acts as a critical enabler of this transformation by improving software quality, accelerating release cycles, and enhancing operational agility. This shift is being adopted not only by large corporations but also by SMEs aiming to scale operations and meet evolving customer expectations. The Indian government's Digital India initiative is also fostering an environment conducive to the adoption

of cloud, automation, and data analytics solutions. The increasing reliance on microservices and cloud-native applications necessitates robust CI/CD frameworks, driving demand for DevOps tools and practices. With more than 68% of enterprises accelerating their digital transformation in the last three years and a 45% uptick in DevOps tool adoption, the market is witnessing strong growth momentum.

Key Market Challenges

Shortage of Skilled DevOps Professionals Hindering Market Growth

A significant constraint for the India DevOps market is the limited availability of professionals skilled in both development and operations disciplines. DevOps demands a unique mix of competencies-including programming, cloud administration, automation, and CI/CD pipeline management-but the supply of talent has not kept pace with growing demand. Organizations face difficulties in sourcing professionals who can bridge gaps between development and operations teams, leading to extended project timelines and elevated costs for hiring and training. The rapid evolution of DevOps tools and frameworks further compounds this issue, as professionals must continuously upgrade their skills. SMEs in particular struggle to offer competitive packages and structured training to attract and retain qualified talent. The disconnect between academic instruction and industry requirements continues to hinder workforce readiness. Without addressing this skills shortage through certifications, training programs, and academic-industry collaboration, market scalability will remain constrained.

Key Market Trends

Increasing Adoption of Artificial Intelligence and Machine Learning in DevOps Processes

A major trend reshaping the India DevOps market is the integration of AI and ML into DevOps workflows. These technologies are enhancing DevOps efficiency through intelligent automation, predictive analytics, and decision-making. AI-powered tools can rapidly analyze operational and development data to detect bugs, optimize deployments, and forecast infrastructure issues. Machine learning algorithms are being used to automate repetitive tasks, schedule deployments intelligently, and predict system anomalies. This convergence of AI and DevOps is gaining strong traction across IT services, financial institutions, and e-commerce platforms. As these intelligent systems evolve, they offer continuous learning capabilities that improve with each deployment, enabling organizations to accelerate software releases while minimizing risk. The integration of AI/ML into DevOps is set to play a transformative role in scaling DevOps maturity across India's digital economy.

Key Market Players

- Microsoft Corporation
- Amazon.com, Inc.
- Google LLC
- IBM Corporation
- Oracle Corporation
- GitLab Inc.
- Docker, Inc.
- Infosys Limited

Report Scope:

In this report, the India DevOps Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

- India DevOps Market, By Offering:
o Software
o Services
- India DevOps Market, By Deployment:
o Public Cloud
o Private Cloud
o Hybrid Cloud
- India DevOps Market, By Industry:
o BFSI
o Retail

o Government
o Manufacturing
o IT & Telecommunication
o Healthcare
o Others
- India DevOps Market, By Region:
o South India
o North India
o West India
o East India
Competitive Landscape
Company Profiles: Detailed analysis of the major companies present in the India DevOps Market.
Available Customizations:
India DevOps Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:
Company Information
- Detailed analysis and profiling of additional market players (up to five).

Table of Contents:

1. Solution Overview
1.1. Market Definition
1.2. Scope of the Market
1.2.1. Markets Covered
1.2.2. Years Considered for Study
1.3. Key Market Segmentations
2. Research Methodology
2.1. Objective of the Study
2.2. Baseline Methodology
2.3. Formulation of the Scope
2.4. Assumptions and Limitations
2.5. Sources of Research
2.5.1. Secondary Research
2.5.2. Primary Research
2.6. Approach for the Market Study
2.6.1. The Bottom-Up Approach
2.6.2. The Top-Down Approach
2.7. Methodology Followed for Calculation of Market Size & Market Shares
2.8. Forecasting Methodology
2.8.1. Data Triangulation & Validation
3. Executive Summary
3.1. Overview of the Market
3.2. Overview of Key Market Segmentations
3.3. Overview of Key Market Players
3.4. Overview of Key Regions/Countries
3.5. Overview of Market Drivers, Challenges, and Trends
4. Voice of Customer

5. India DevOps Market Outlook
5.1. Market Size & Forecast
5.1.1. By Value
5.2. Market Share & Forecast
5.2.1. By Offering (Software, Services)
5.2.2. By Deployment (Public Cloud, Private Cloud, Hybrid Cloud)
5.2.3. By Industry (BFSI, Retail, Government, Manufacturing, IT & Telecommunication, Healthcare, Others)
5.2.4. By Region (South India, North India, West India, East India)
5.2.5. By Company (2025)
5.3. Market Map
6. South India DevOps Market Outlook
6.1. Market Size & Forecast
6.1.1. By Value
6.2. Market Share & Forecast
6.2.1. By Offering
6.2.2. By Deployment
6.2.3. By Industry
7. North India DevOps Market Outlook
7.1. Market Size & Forecast
7.1.1. By Value
7.2. Market Share & Forecast
7.2.1. By Offering
7.2.2. By Deployment
7.2.3. By Industry
8. West India DevOps Market Outlook
8.1. Market Size & Forecast
8.1.1. By Value
8.2. Market Share & Forecast
8.2.1. By Offering
8.2.2. By Deployment
8.2.3. By Industry
9. East India DevOps Market Outlook
9.1. Market Size & Forecast
9.1.1. By Value
9.2. Market Share & Forecast
9.2.1. By Offering
9.2.2. By Deployment
9.2.3. By Industry
10. Market Dynamics
10.1. Drivers
10.2. Challenges
11. Market Trends & Developments
11.1. Merger & Acquisition (If Any)
11.2. Product Launches (If Any)
11.3. Recent Developments
12. Policy and Regulatory Landscape
13. India Economic Profile

14. Company Profiles
14.1. Microsoft Corporation
14.1.1. Business Overview
14.1.2. Key Revenue and Financials
14.1.3. Recent Developments
14.1.4. Key Personnel/Key Contact Person
14.1.5. Key Product/Services Offered
14.2. Amazon.com, Inc.
14.3. Google LLC
14.4. IBM Corporation
14.5. Oracle Corporation
14.6. GitLab Inc.
14.7. Docker, Inc.
14.8. Infosys Limited
15. Strategic Recommendations
16. About Us & Disclaimer

India DevOps Market By Offering (Software, Services), By Deployment (Public Cloud, Private Cloud, Hybrid Cloud), By Industry (BFSI, Retail, Government, Manufacturing, IT & Telecommunication, Healthcare, Others), By Region, Competition, Forecast & Opportunities, 2021-2031F

Market Report | 2025-06-13 | 85 pages | TechSci Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	$3500.00
	Multi-User License	$4500.00
	Custom Research License	$7000.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	

Date	2026-02-22
Signature	