

Cloud-native Application Development Services Provider Compendium 2020

September 2020: Complimentary Abstract / Table of Contents



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Custom research capabilities

- Benchmarking | Pricing, delivery model, skill portfolio
- Peer analysis | Scope, sourcing models, locations
- Locations | Cost, skills, sustainability, portfolio – plus a tracking tool
- Tracking services | Service providers, locations, risk
- Other | Market intelligence, service provider capabilities, technologies, contract assessment

Contents

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1. Introduction and overview	05
• Research methodology	06
• Key information on the report	07
• Background and/or introduction	08
2. Cloud-native application development services PEAK Matrix® characteristics	09
• PEAK Matrix framework	10
• Everest Group PEAK Matrix for cloud-native application development services	12
• Service provider capability summary dashboard	13
• Characteristics of Leaders, Major Contenders, and Aspirants	14
3. Profiles of cloud-native application development service providers	17
• Leaders	17
– Accenture	18
– Cognizant	21
– HCL Technologies	24
– Infosys	27
– TCS	30
– Wipro	33
• Major Contenders	36
– Brillio	37
– CSS Corp	40

Contents

– DXC Technology	43
– LTI	46
– Mphasis	49
– NTT DATA	52
– Softek	55
– Sopra Steria	58
– Virtusa	61
• Aspirants	64
– Aspire Systems	65
– DMI	68
– Happiest Minds	71
– Sonata Software	74
– Zensar	77
4. Appendix	80
• Glossary	81
• Research calendar	82

Background of the research

Organizations are leveraging cloud-native application development techniques to improve software development and deployment cycles, deployment frequency, and the quality and relevance of software releases to enable better alignment with business objectives. These techniques have proved to be vital for the improvement of both end-users of the applications and the application developers themselves. While enterprises' application landscape continues to be dominated by monolithic and legacy systems, the new applications built on cloud-native principles have helped enterprises respond to the customer needs and changing business scenarios much more efficiently and quickly.

This report examines the dynamics of the global cloud-native application development service provider landscape. We present an assessment of 21 cloud-native application development service providers featured on the cloud-native application development services PEAK Matrix®.

This report includes the remarks on service offerings, investments, key strengths and areas of improvement for the following 21 leading cloud-native application development service providers featured on the cloud-native application development services PEAK Matrix:

- **Leaders:** Accenture, Cognizant, HCL Technologies, Infosys, TCS, and Wipro
- **Major Contenders:** Brillio, Capgemini, CSS Corp, DXC Technology, LTI, Mphasis, NTT DATA, Softtek, Sopra Steria, and Virtusa
- **Aspirants:** Aspire Systems, DMI, Happiest Minds, Sonata Software, and Zensar

Scope of this report:



Geography
Global



Service providers
21 leading cloud-native application development service providers



Services
Cloud-native application development services

The cloud-native application development services provider Compendium report has 21 service provider profiles

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Leader | cloud-native application development services (page 1 of 3)

Overview

Overview of services:
Leader's cloud native service focus has always been business-centric, augmenting customers' vision to provide exceptional user experiences for their personas.

Vision:
Leader' vision is to drive cloud-native app development in large enterprises with agility and speed. The Leader's architect community, service delivery practices, talent, accelerators, and engagement models are all aligned to deliver this core vision.

Strengths	Areas of improvement
<ul style="list-style-type: none"> Diverse cloud-native solution portfolio enables it to engage with a variety of clients in terms of size and industry verticals Innovative commercial constructs of outcome-based pricing and risk-sharing resonate well with clients looking to hedge transformation risks It extensively leverages pre-built tools, accelerators, and templates to instill confidence among enterprises and jumpstart their journey to the cloud It has built strong partnerships and co-developed native solutions with leading cloud service providers to enhance its cloud-native offerings 	<ul style="list-style-type: none"> Needs to enhance its cap as a cloud-native develop Needs to deliver more inc problems for its clients It should enhance its advi partner for its clients

Revenue by industry

- High (>20%)
- Medium (10-20%)
- Low (<10%)

- BFSI
- Energy and utilities
- Manufacturing
- Public
- Travel & transport
- Electronics, hi-tech, & technology
- Healthcare and life sciences
- Retail, distribution, and CPG
- Telecom, media, and entertainment
- Others

Revenue by buyer size

- <US\$1 billion
- US\$1 billion – US\$5 billion

Revenue by geography

- North America
- Europe (excluding UK)

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Leader | cloud-native application development services (page 2 of 3)

Case studies and solutions

Case study 1	Case study 2
Farm harvest and fertilization management through modern application development	Vehicle-as-a-service model, leading to an improved Vehicle Off Road (VOR) and reduced downtime
Client: A global agri-business provider	Client: A Scandinavian commercial vehicle manufacturer
Business challenge: The client wanted to modernize and re-design its manual process of data collection and reconciliation to increase its visibility, observations, issue reporting, and workflow. It also wanted to digitalize solutions to transform the existing business	Business challenge: The client wanted better uptime and reduce vehicle off-road with improved customer service. It also wanted insights into vehicle data to make decisions on business growth and increase customer satisfaction
Solution: Leader transformed the entire farm-to-market value chain automating manual processes to microservices and container-based architecture using Azure container service. Leader provided end-to-end modern architecture with DevOps on cloud, API management, and containerization. It also deployed microservices to the container management platform Docker Swarm	Solution: Leader implemented a scalable and secured fleet monitoring solution to monitor nearly 420,000 vehicles to enable the client to make business decisions. Leader included customer's fleet management system in all vehicles and installed a fleet monitoring solution to achieve better uptime
Impact: This led to complete automation of farm data capture and optimization in harvest. It was able to resolve issues reported due to observation workflow. Cost reduced by 40% by making services pluggable and component reusable	Impact: This led to 80% reduction in downtime and connected 420,000 vehicles globally. This also reduced vehicle off-road and improved customer service

Cloud-native application development services proprietary solutions (representative list)	
Proprietary solutions	Details
Solution 1	Toolset for application assessment and containerization with integrated security and deployment across private and public cloud. It helps in migration from legacy container platforms to modern technologies
Solution 2	Cloud lifecycle management framework to help in building business-centric cloud adoption strategy with emphasis on cloud governance
Solution 3	Self-service DevSecOps platform for automated enablement and persona-based governance. It is a comprehensive suite of accelerators that empowers continuous assessment, lean CI/CD automation, and value stream management to provide bird's eye view into the entire DevSecOps lifecycle
Solution 4	Framework for a modern engineering model that comprises productized IT, consumption-centric design, intelligent service, platforms and infrastructure, and DevSecOps automation

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Research calendar

Application Services

■ Published
 ■ Planned
 ■ Current release

Flagship application services reports

	Release date
Application Transformation Services PEAK Matrix® Assessment 2020	December 2019
Application Transformation – Business Pioneering the Agenda – State of the Market	February 2020
Next-generation Quality Assurance – State of the Market	February 2020
Cloud-native Application Development Services PEAK Matrix® Assessment 2020	August 2020
Cloud-native Application Development Services Provider Compendium 2020	September 2020
Application Services State of the market	Q4 2020
Cloud-Native Application Development Services State of the market	Q4 2020
Next-gen Application Management Services PEAK Matrix® Assessment 2020	Q4 2020

Thematic application services reports

	Release date
Breakthrough Transformation	October 2019
Talent Readiness for Next-generation IT Services PEAK Matrix® Assessment 2020 – Closing the Demand-Supply Gap	December 2019
Upcoming Contract Renewals – Application Services 2020	March 2020
Rapid Application Development Platform Trailblazers: Top 14 Start-ups in Low-code Platforms – Taking the Code Out of Coding	May 2020
Strength in Adversity: Enterprise Service Resilience During the COVID-19 Crisis	June 2020
Winning the War for Talent: An Enterprise Guide to Building a Sustainable Workforce Strategy	July 2020
Cloud-based Application Modernization	July 2020

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