



# Top 100+ DevOps Consulting Companies in 2025


Last updated: June 2025

## Featured companies



SumatoSoft

\$25,000+













\$50 - \$99 / hr

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## List of the Best DevOps Consulting Companies

<div><div><div>Vention</div><div>5.0 ★★★★★</div></div></div>	<div>VISIT WEBSITE</div>
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<div><div><div><div>Travancore Analytics</div><div>4.9 ★★★★★</div></div></div></div>	<div>VISIT WEBSITE</div>
<div><div>Insights to your digital innovation</div><div>Travancore Analytics (TA) is a bespoke software development company - a team of professional and experienced software developers, architects, and project manage ...</div><div><div><div><div></div></div><div>10% DevOps</div></div><div>\$20 - \$29 / hr</div><div>100 - 249</div><div>United States, Pleasanton</div></div></div>	<div><div>VIEW PROFILE</div><div>CASE STUDIES: 6</div></div>
<div><div><div><div>IT Svit</div><div>5.0 ★★★★★</div></div></div></div>	<div>VISIT WEBSITE</div>
<div><div>DevOps</div><div>IT Svit, a company founded in 2005, is a team of 80+ software developers, DevOps engineers, and Big Data architects who provide end-to-end solutions for busines ...</div><div><div><div><div></div></div><div>100% DevOps</div></div><div>\$50 - \$99 / hr</div><div>50 - 99</div><div>Estonia, Tallinn</div></div></div>	<div><div>VIEW PROFILE</div></div>



## Agency Partner Interactive

5.0 ★★★★★

[VISIT WEBSITE](#)

Grow your business with a SMU-Cox Dallas 100, Clutch.co Global 1000, and Inc. 5000 Award-winning software development & digital agency services. Agency Partne ...

[VIEW PROFILE](#)

50% DevOps



\$50 - \$99 / hr



50 - 99



United States, Plano

CASE STUDIES: 8



## A-Dev

5.0 ★★★★★

[VISIT WEBSITE](#)

*Cloud And DevOps Solutions For Your Business Needs*

A-Dev is an IT services company founded in 2019 and located in Kyiv. They provide DevOps, cloud solutions (Azure, AWS, GCP), and Python/JavaScript development f ...

[VIEW PROFILE](#)

50% DevOps



\$30 - \$49 / hr



<10



Ukraine, Kyiv



## LoovaCloud

5.0 ★★★★★

[VISIT WEBSITE](#)

Loovacloud offers DevOps services for software development lifecycle and helps companies with product launch or migration to AWS. We deliver cloud infrastru ...

[VIEW PROFILE](#)

40% DevOps



\$30 - \$49 / hr



10 - 49



Estonia, Tallinn

CASE STUDIES: 3



## Quema

5.0 ★★★★★

[VISIT WEBSITE](#)

*Your infrastructure is our responsibility*

We know for sure that the process of scaling is always a challenge, therefore we are always in touch with our clients: since the moment of infrastructure audit, ...

[VIEW PROFILE](#)

33% DevOps



\$50 - \$99 / hr



10 - 49



Estonia, Tallinn

CASE STUDIES: 1



## Stfalcon

5.0 ★★★★★

[VISIT WEBSITE](#)

*Stfalcon makes your ideas fly*

A software development company specializing in creating feature-rich mobile applications and medium- to large-scale web projects for over 15 years

[VIEW PROFILE](#)

10% DevOps



\$30 - \$49 / hr



50 - 99



Estonia, Tallinn

CASE STUDIES: 6



## Captus Technologies LLC

5.0 ★★★★★

[VISIT WEBSITE](#)

Captus Technologies is enterprise software solutions provider company in USA and India. We use latest tools and technologies that will help your businesses to m ...

[VIEW PROFILE](#)

20% DevOps



\$50 - \$99 / hr



10 - 49



United States, New York

CASE STUDIES: 4



## Dysnix

5.0 ★★★★★

[VISIT WEBSITE](#)

Dysnix is a boutique company providing Web3 & DevOps solutions and cloud consulting services with a 100% Senior and Architect team specialized in Kubernetes, AI ...

[VIEW PROFILE](#)

20% DevOps



\$50 - \$99 / hr



10 - 49



Estonia, Tallinn



## The Story: UX design + Software development

5.0 ★★★★★

[VISIT WEBSITE](#)

*Approach. Design. Expertise. Contract. Pricing.*

THE STORY is an award-winning Poland-based UX & web development company. We are serving startups and corporate clients from Germany, Switzerland, US, and Poland ...

[VIEW PROFILE](#)

20% DevOps



\$50 - \$99 / hr



10 - 49



Poland, Warsaw



## PurpleFire

5.0 ★★★★★

[VISIT WEBSITE](#)

*Full-Stack Custom Development with Transparency*

PurpleFire is a development company with HQ in Denmark but with a team spread out across Europe and offices across the globe such as London, Vancouver & New Yor ...

[VIEW PROFILE](#)

20% DevOps



\$50 - \$99 / hr



10 - 49



Denmark, Køge



## AIS Technolabs Pvt. Ltd.

5.0 ★★★★★

[VISIT WEBSITE](#)

*Top Mobile App and Game App Development Company*

AIS Technolabs is a leading provider of custom software development services, catering to a wide array of organizations across different industries and scales. ...

[VIEW PROFILE](#)

16% DevOps



<\$20 / hr



100 - 249



United States, Pacific



## apptomate

5.0 ★★★★★

VISIT WEBSITE

apptomate is a Global IT / Software Consulting and Management Company in India, USA and Germany. Apptomate is a change, where we don't change the values and cap ...

VIEW PROFILE

15% DevOps



\$100 - \$149 / hr



100 - 249



United States, San Pablo



## Appnovation

5.0 ★★★★★

VISIT WEBSITE

Appnovation is a global full-service digital consultancy. They help businesses advance and inspire, create positive transformation, and champion digital innovat ...

VIEW PROFILE

13% DevOps



\$150 - \$199 / hr



250 - 999



Canada, Vancouver



## Sibedge

5.0 ★★★★★

VISIT WEBSITE

*Technology vision with a human touch*

A full-cycle global software development company focusing on an approach to business transformation that puts people first. We combine our innovative technology ...

VIEW PROFILE

13% DevOps



\$30 - \$49 / hr



100 - 249



Australia, Perth WA



## CubeZoo

5.0 ★★★★★

VISIT WEBSITE

*People. Digital. Simple.*

CubeZoo is a Mobile App and Web Development agency established in 2011. Simple things should be simple, complex things should be possible. Through specialised ...

VIEW PROFILE

10% DevOps



\$30 - \$49 / hr



10 - 49



South Africa, Johannesburg

[CASE STUDIES: 8](#)



## Perfsol

5.0 ★★★★★

VISIT WEBSITE

*Tech partner who cares!*

Perfsol is a fintech software development company successfully operating in the market since 2018. During this time we managed to gather professional engineers, ...

VIEW PROFILE

10% DevOps



\$30 - \$49 / hr



10 - 49



Ukraine, Lviv

[CASE STUDIES: 6](#)



## DevsData Tech Talent LLC

5.0 ★★★★★

[VISIT WEBSITE](#)

*\* For demanding clients and challenging projects*

We are a Premium Tech Recruitment agency specializing in challenging projects. Extensive vetting process of the candidates and very high clients' satisfaction r ...

[VIEW PROFILE](#)

10% DevOps



\$50 - \$99 / hr



10 - 49



United States, New York

[CASE STUDIES: 6](#)



## Openxcell

5.0 ★★★★★

[VISIT WEBSITE](#)

*Get your organisation & data AI-ready*

Openxcell, established in 2009, is a leader in AI-driven innovation, delivering cutting-edge software solutions that drive business success. With over 500 globa ...

[VIEW PROFILE](#)

10% DevOps



\$20 - \$29 / hr



250 - 999



India, Ahmedabad

[CASE STUDIES: 5](#)



## Zoolatech

5.0 ★★★★★

[VISIT WEBSITE](#)

Welcome to Zoolatech, your premier destination for custom software development solutions. We bring together a global team of talented professionals to cater t ...

[VIEW PROFILE](#)

10% DevOps



\$50 - \$99 / hr



250 - 999



United States, Palo Alto

[CASE STUDIES: 4](#)



## Arbisoft

5.0 ★★★★★

[VISIT WEBSITE](#)

*If you can imagine it, we can build it*

In business since 2007, Arbisoft provides quality software engineering services to clients around the globe. Their founding team comprises Stanford- and Carnegi ...

[VIEW PROFILE](#)

10% DevOps



\$50 - \$99 / hr



250 - 999



United States, Plano

[CASE STUDIES: 3](#)



## Modus Create

5.0 ★★★★★

[VISIT WEBSITE](#)

*Build for the Digital Future*

Modus Create is a digital transformation consulting firm dedicated to helping clients build competitive advantage through digital innovation. Our global team of ...

[VIEW PROFILE](#)

10% DevOps



\$150 - \$199 / hr



250 - 999



United States, Reston

[CASE STUDIES: 3](#)



## LANARS

5.0 ★★★★★

[VISIT WEBSITE](#)

*LANARS IS A PAINLESS INNOVATIONS PROVIDER*

We are LANARS — an international hardware & software development company with headquarters in Norway, the United Kingdom and Ukraine. The IT services we provide ...

[VIEW PROFILE](#)

10% DevOps

\$50 - \$99 / hr

50 - 99

Norway, Oslo

[CASE STUDIES: 3](#)



## Dcastalia Limited

5.0 ★★★★★

[VISIT WEBSITE](#)

*Inspiring Innovation*

Leading software firm with 14+ years of excellence, delivering innovative solutions. Completed 1350+ projects, and served 1100+ clients across 13+ countries. E ...

[VIEW PROFILE](#)

10% DevOps

\$20 - \$29 / hr

50 - 99

Bangladesh, Dhaka

[CASE STUDIES: 2](#)



## Kuchoriya TechSoft, Canada

5.0 ★★★★★

[VISIT WEBSITE](#)

Kuchoriya TechSoft is a Canada-based technology company specializing in software development, IT consulting, and digital solutions. They offer a range of servic ...

[VIEW PROFILE](#)

10% DevOps

\$30 - \$49 / hr

100 - 249

Canada, Mississauga

[CASE STUDIES: 1](#)



## Blurify

5.0 ★★★★★

[VISIT WEBSITE](#)

*Software Solutions for Tomorrow*

At Blurify, we are experts in web and mobile app development with a niche focus on the iGaming industry. Since 2015, we have been creating custom software solut ...

[VIEW PROFILE](#)

10% DevOps

\$50 - \$99 / hr

10 - 49

Poland, Wrocław

[CASE STUDIES: 1](#)



## Join.To.IT

5.0 ★★★★★

[VISIT WEBSITE](#)

*Link the world to digital*

Join.To.IT is a professional team Web App, Mobile App developers of Startups, Enterprise Systems and solutions of a wide range. We provide software development ...

[VIEW PROFILE](#)

10% DevOps

\$30 - \$49 / hr

100 - 249

Ukraine, Kiev



## Alty Inc.

5.0 ★★★★★

[VISIT WEBSITE](#)

*We design and build memorable digital experiences*

We're Alty – an award-winning IT consulting, development and design company. For over 14 years, we've been assisting our clients in elevating their digital inte ...

[VIEW PROFILE](#)

10% DevOps



\$50 - \$99 / hr



50 - 99



United States, Dover



## Cogtix Solutions

5.0 ★★★★★

[VISIT WEBSITE](#)

*Your Trusted Technology Partner For Success*

**Your Trusted Technology Partner For Success** Cogtix is a technology consulting company focused on software development and analytics with a mission to help comp ...

[VIEW PROFILE](#)

10% DevOps



\$20 - \$29 / hr



10 - 49



United States, New York City



## Reckonsys Tech Labs Pvt Ltd

5.0 ★★★★★

[VISIT WEBSITE](#)

*Delivering Delightful Digital Transformations*

Reckonsys is a Boutique Software Product Engineering Services Firm obsessed with creating uncommon solutions for common problems by making use of the right tech ...

[VIEW PROFILE](#)

10% DevOps



\$20 - \$29 / hr



50 - 99



India, Bengaluru

[CASE STUDIES: 17](#)

## Milies

5.0 ★★★★★

[VISIT WEBSITE](#)

*We shape the digital reality*

Milies is a software development company based in Armenia, partnering with organizations all over the world. We are a youthful, driven, quality-focused team, ...

[VIEW PROFILE](#)

10% DevOps



\$30 - \$49 / hr



10 - 49



Armenia, Yerevan

[CASE STUDIES: 13](#)

## Simublade

5.0 ★★★★★

[VISIT WEBSITE](#)

*Your Custom Product Lab*

Simublade is a full-service product lab on a mission to leverage present-day technologies to build unconventional solutions. With a focus on building digital pr ...

[VIEW PROFILE](#)

10% DevOps



\$30 - \$49 / hr



100 - 249



United States, Houston

[CASE STUDIES: 11](#)



## Intellectsoft

5.0 ★★★★★

VISIT WEBSITE

Intellectsoft is a global digital transformation consultancy that accelerates technology adoption, solves complex digital challenges, and drives innovation. Rec ...

VIEW PROFILE

10% DevOps



\$50 - \$99 / hr



250 - 999



United States, New York

CASE STUDIES: 10



## Kanda Software

5.0 ★★★★★

VISIT WEBSITE

Kanda is a custom software product development company with 25+ years of flawless reputation. In an industry where over 50% of initiatives fail, Kanda delivers— ...

VIEW PROFILE

10% DevOps



\$50 - \$99 / hr



250 - 999



United States, Newton

CASE STUDIES: 10



## Mitrix Technology

5.0 ★★★★★

VISIT WEBSITE

*IT Outsourcing & Staff Augmentation Services*

Mitrix Technology is a committed software development and IT consulting firm, offering a comprehensive pool of pre-vetted senior software engineers. For nearly ...

VIEW PROFILE

10% DevOps



\$50 - \$99 / hr



50 - 99



Poland, Warsaw

CASE STUDIES: 8



## INC4

5.0 ★★★★★

VISIT WEBSITE

*Web3 Development Company*

INC4 is a Web3 development company specializing in custom decentralized solutions. The company has created tailored blockchain software solutions since 2013 and ...

VIEW PROFILE

10% DevOps



\$30 - \$49 / hr



50 - 99



Ukraine, Kyiv

CASE STUDIES: 7



## SoloWay Technologies

5.0 ★★★★★

VISIT WEBSITE

*Your sustainable digital transformation companion!*

SoloWay Technologies is an international technology company focused on digital business transformation, solving global challenges, and bringing big ideas to lif ...

VIEW PROFILE

10% DevOps



\$30 - \$49 / hr



100 - 249



Ukraine, Ivano-Frankivs'k

CASE STUDIES: 6





## Materialize

5.0 ★★★★★

[VISIT WEBSITE](#)

*Your Product Development Team As-a-Service*

Materialize Labs is a forward-thinking software development firm specializing in building bespoke web, mobile, and AI-driven solutions. Our commitment to innov ...

[VIEW PROFILE](#)

10% DevOps



\$150 - \$199 / hr



10 - 49



United States, Santa Monica

[CASE STUDIES: 12](#)



## Devlane

5.0 ★★★★★

[VISIT WEBSITE](#)

Devlane is a LatAm outsourcing company that helps SMB's realize their tech development needs. We are headquartered in Uruguay but we have presence across many c ...

[VIEW PROFILE](#)

10% DevOps



\$30 - \$49 / hr



100 - 249



Uruguay, Montevideo Montevideo Department

[CASE STUDIES: 6](#)



## Foxbox Digital

5.0 ★★★★★

[VISIT WEBSITE](#)

Foxbox Digital is an award-winning digital product agency, headquartered in Chicago. We partner with clients ranging from Fortune 50 companies to high-growth st ...

[VIEW PROFILE](#)

10% DevOps



\$50 - \$99 / hr



10 - 49



United States, Chicago

[CASE STUDIES: 5](#)



## BVP Software

5.0 ★★★★★

[VISIT WEBSITE](#)

We do SaaS, Multitenant, CRM, ERP, IoT, Dashboard Web Apps in: - Java/Spring Boot - ReactJs, JS/NodeJs - Python / Django - Ruby on Rails Plus: - AWS Optimizati ...

[VIEW PROFILE](#)

10% DevOps



\$30 - \$49 / hr



10 - 49



Poland, Warsaw

[CASE STUDIES: 4](#)



## Mandaliya Software Private Limited

5.0 ★★★★★

[VISIT WEBSITE](#)

*High Quality Web & App Solutions*

We help small, mid-size, and start-up companies in designing and building intuitive, reliable, and sustainable software applications through the upmost technolo ...

[VIEW PROFILE](#)

10% DevOps



\$20 - \$29 / hr



<10



India, Bhuj

[CASE STUDIES: 4](#)



## Codebuddy Private Limited

5.0 ★★★★★

[VISIT WEBSITE](#)

*Dreams Coded into Reality*

Codebuddy is a leading custom software development company with expertise in building digital solutions that garner change and transform experiences. We have wo ...

[VIEW PROFILE](#)

10% DevOps



\$30 - \$49 / hr



50 - 99



India, Kolkata

[CASE STUDIES: 3](#)

## Winalife

5.0 ★★★★★

[VISIT WEBSITE](#)

*We transform ideas into real business*

A software agency and venture builder from Poland specializing in React and Node.js. We design and develop digital products for both customers who have a specif ...

[VIEW PROFILE](#)

10% DevOps



\$30 - \$49 / hr



10 - 49



Poland, Warsaw

[CASE STUDIES: 3](#)

## PLANEKS

5.0 ★★★★★

[VISIT WEBSITE](#)

*Python Web Development for SMBs and Startups*

PLANEKS is an offshore Python development and staff augmentation company. We work with Startups and SMEs worldwide to help them achieve their main goals: develo ...

[VIEW PROFILE](#)

10% DevOps



\$30 - \$49 / hr



10 - 49



Ukraine, Zaporizhzhia

[CASE STUDIES: 2](#)

## Darly Solutions

5.0 ★★★★★

[VISIT WEBSITE](#)

*We make technologies work for you!*

We provide various services to improve all aspects of your business and grow your brand. You are guaranteed to get a high-quality software product on time with ...

[VIEW PROFILE](#)

10% DevOps



\$50 - \$99 / hr



50 - 99



United States, McKinney

[CASE STUDIES: 2](#)

## Fulminous Software

5.0 ★★★★★

[VISIT WEBSITE](#)

*WE LOVE TO BUILD ASK FOR IT AND HAVE IT*

Optimize your company with our innovative and versatile technology solutions. Our Moto is "WE LOVE TO BUILD ASK FOR IT AND HAVE IT" Fulminous Software is well-k ...

[VIEW PROFILE](#)

10% DevOps



\$20 - \$29 / hr



10 - 49



India, Jaipur

[CASE STUDIES: 1](#)



CimpleO

5.0 ★★★★★

[VISIT WEBSITE](#)

We are CimpleO, an award-winning production studio that delivers on time and budget. Since 2012. We develop custom software, complex web services, desktop appl ...

[VIEW PROFILE](#)

10% DevOps

\$50 - \$99 / hr

10 - 49

Thailand, Bangkok



NextStack LLC

5.0 ★★★★★

[VISIT WEBSITE](#)

Turn Your Business Vision Into A Software Solution

NextStack is a premier software development company dedicated to helping clients achieve their digital transformation goals through innovative solutions. We spe ...

[VIEW PROFILE](#)

10% DevOps

\$30 - \$49 / hr

10 - 49

Armenia, Yerevan

## Buyer's guide

# Benefits of Hiring a DevOps Consulting Company

## Cost Savings

While the initial cost of hiring DevOps consulting companies can be high, it can help you save money in the long run. They help polish out inefficiencies in your workflows, such as infrastructure provisioning and monitoring.

Businesses will be able to deliver results quicker, which can help them retain clients and build relationships. Furthermore, development operations consulting can prevent unexpected costs through fines and penalties.

## Staying Compliant

This is because these businesses will be able to continue being GDPR, HIPAA, or SOC 2 compliant, as consultants will advise on compliance and security as well. Staying compliant also protects your reputation in the long run.

## Improved User Experience and Scaling

DevOps service providers are experts at building automated CI/CD pipelines. The most popular tools for this include Jenkins, GitLab CI, or Azure development operations.

These tools are provided to developmental teams to deliver updates continuously without interrupting the end user's experience. This is most important for businesses that are scaling, as the products will be able to grow without a downturn in performance.

DevOps consulting companies help your development teams directly, but this also impacts customers. You can expect higher customer satisfaction because the time-to-market for new features is lower.

This allows businesses to enhance the user experience, giving them a competitive edge. Implementing development operations isn't only about tools but also about strategies and developing roadmaps.

Businesses will have to take a trial-and-error approach independently, while DevOps consulting companies ensure they avoid pitfalls and navigate the market.

# How to Choose the Right DevOps Consulting Company

Choosing DevOps consulting companies can be hard, as dozens of options exist. When you look at our list, you'll see equally great businesses that differ only in a few aspects.

If you're choosing a top-notch DevOps company, it will definitely provide you with numerous benefits, but you should carefully pick it. Some options can be better for your specific situation and industry, while others can be expensive for your budget.

## 1. Define Your Objectives

You need to know where you're headed to understand how to choose between multiple DevOps consulting companies. To do this, outline your objectives and create measurable expectations of them.

This includes things like system uptime, the percentage of automated tasks, and measuring deployment time. By identifying specific bottlenecks that they face, businesses can find a company that specializes in that area.

All companies will speak highly of themselves, but you can understand through their case studies and testimonials whether they mentioned helping in specific aspects that you need.

## 2. Assess Expertise and Experience

The next step is to consider all information available on the DevOps companies you're choosing between. You should leverage different sources to get a full picture.

Review the case studies that they've made and search for examples that include tech stacks similar to yours. Furthermore, check the background of the companies they've worked with to see whether they're similar to yours.

Testimonials of their past clients can tell an important story about the benefits they've experienced. A step beyond this surface screening can include exploring the portfolios of decision-makers more closely.

This process will help you grasp whether they've experienced themselves in the industry and how competent they are.

## 3. Check for Tailored Solutions

The pricing of the top DevOps companies can be quite similar. Of course, some plans will be on the extreme lower or higher end, but they're usually comparable. However, you shouldn't rely on evaluating only the public plans.

It's best to organize a consultation with your top picks and understand whether a tailored approach is possible. Some options could give a better initial evaluation of your business than others.

Eventually, you can expect a lot of benefits in terms of both price and strategies that DevOps service providers can offer you if you go a step beyond and ask for a custom plan.

## 4. Evaluate Communication and Collaboration

The best DevOps consulting companies will be able to communicate their successes effectively. Regular meetings and clear documentation are traits of effective options on the market. If you've hired a consultant agency, you can evaluate it by understanding how good your communication is.

## 5. Success stories

Our platform, Techreviewer, provides businesses with in-depth case studies on all businesses, allowing them to make a more informed choice. You can find client feedback on the DevOps companies that you're picking between and find the most relevant option.

## 6. Review Tools and Automation Proficiency

You should ensure that the DevOps companies you're considering have expertise in relevant tools for your situation. They should be proficient with tools like Jenkins, Kubernetes, Docker, etc.

Ensure that your final pick has a history of using industry-standard tools and the ones that are most applicable to your business.

## Why Use Techreviewer.co to Find Your DevOps Partner?

Finding the top DevOps companies is hard on your own. Websites like Techreviewer.co streamline this process by offering you detailed company profiles. On our website, you can pick a category, like US-based DevOps businesses, and compare up to five companies.

You can view each company's profile individually and see general information on them, key contacts, top ratings, clients, and services they offer. This approach is much better, as you won't have to waste time exploring dozens of different companies.

Instead, our website provides you with aggregated key data on a certain business and streamlines your decision-making process.

## What Are the Steps in the DevOps Consulting Process?

A typical company offering DevOps consulting services would have four stages in its process. These are the following:

### 1. Project Discovery

The first stage involves specialists discussing a new project before development. It also discusses how software products will be created. Here, the clients relay their needs to the company, as well as the set of technologies and methods they want to use and the terms of implementation.

### 2. Planning

At this stage, the specialists analyze the current software development cycle, available IT resources and the IT infrastructure of their client's business. This is when the mapping of business expectations and the identification of IT capabilities and constraints take place. The consulting company will then devise a DevOps implementation strategy.

### 3. Creating Roadmap

A roadmap is necessary to ensure the maximum success of the company. The top DevOps consulting companies have this. The roadmap includes automation, script development and the implementation of an infrastructure development plan. This is when specialists determine the methods and technologies necessary to improve work processes.

### 4. Executing

Here, the chosen DevOps implementation strategy is finally executed. The roadmap guides the experts and allows them to know the elaboration vector so they can follow it. All implemented processes are also consistently monitored and tested.

## What Are the Best DevOps Practices?

The DevOps strategy has key practices that help organizations innovate faster and provide more reliable customer updates. The following list shows an overview of essential DevOps practices that are typically seen in the best DevOps consulting companies:

### Continuous Integration

This practice aims to quickly find and address bugs, improve software quality, and reduce the time between validating and releasing new software updates. This is when developers merge their code changes regularly into a central repository. Automated builds and tests are then activated and run afterward.

### Continuous Delivery

With this practice, code changes are automatically built, tested and prepared to be released to production. Continuous integration is expanded since this practice involves deploying all code changes to a production or testing environment after the build stage. Proper implementation of continuous delivery allows developers to always have a build artifact that has passed the standardized test process and is ready for deployment.

### Microservices

As a design approach, the microservices architecture is meant to build a single application as a set of small services. Each service runs its process, communicating with other services using a well-defined interface with a lightweight mechanism, commonly an HTTP-based application programming interface. Each service is built around the capabilities of the business, relegated to a single purpose.

### Infrastructure as Code

Here, code and software development techniques like continuous integration and version control are used to provision and manage infrastructure. The API-driven model of the cloud allows system administrators and developers to programmatically interact with infrastructure instead of manually setting it up and configuring resources. Engineers can then use code-based tools to interface with infrastructure. Since servers and infrastructure are now defined by code, they can be deployed quickly and with the latest updates.

## Monitoring and Logging

Organizations constantly monitor metrics and logs to see how application and infrastructure performance has affected the experience of the end users. By capturing, categorizing, and analyzing logs and data from applications and infrastructure, organizations can understand how updates and changes impact their customers and gain insights into the root causes of problems.

## Communication and Collaboration

One key aspect of DevOps is the increased communication and collaboration between an organization's members. Collaboration is established through the use of DevOps automation and tooling of the software delivery process. The use of issue or project-tracking systems, chat applications and wikis is then behind the increase in communication.

## Create your company profile in less than 5 minutes

Grow your business by getting in front of more potential customers

Get Listed

