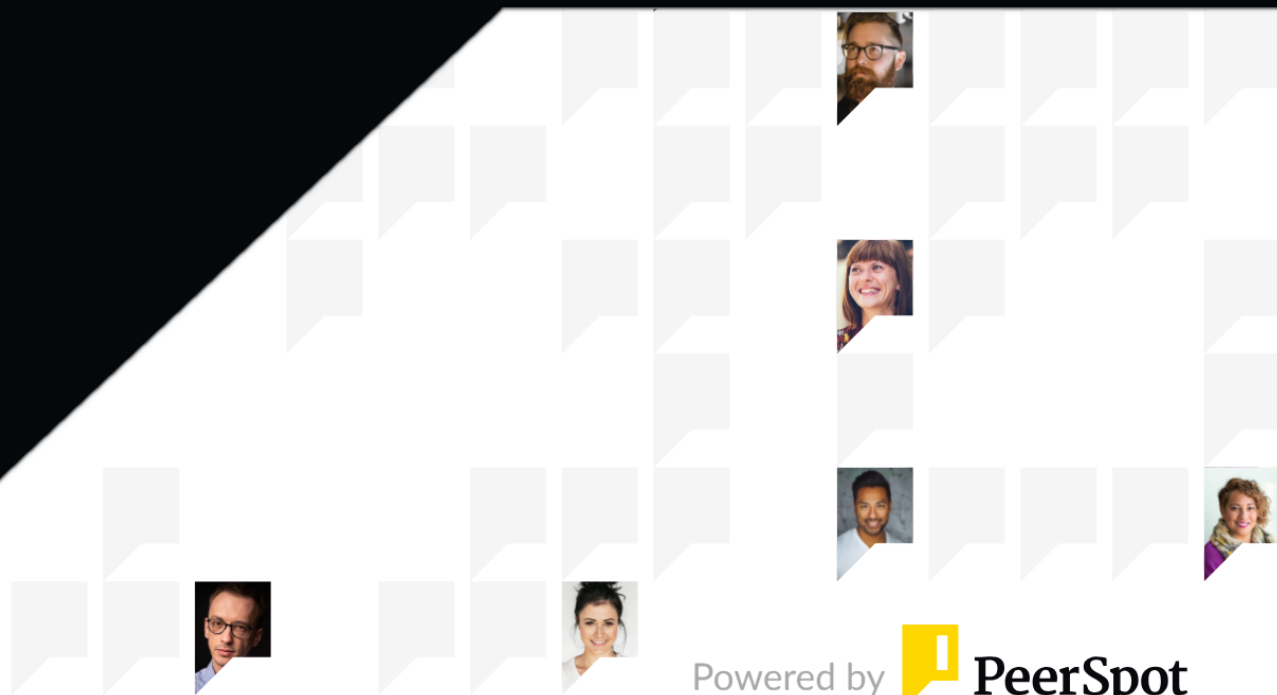


aws marketplace

GitLab

Reviews, tips, and advice from real users



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Product Recap



GitLab

GitLab Recap

GitLab offers a secure and user-friendly platform for CI/CD pipeline management, code repository control, and collaboration, enhancing development speed and efficiency. It facilitates automation with extensive customization and tool integration, ideal for DevOps processes.

GitLab supports source code management, version control, and collaborative development. It's frequently used in CI/CD processes to automate builds and deployments while integrating DevOps practices. GitLab allows companies to manage repositories, automate pipelines, conduct code reviews, and maintain development lifecycles. The platform supports infrastructure and configuration management, enabling efficient code collaboration, deployment automation, and comprehensive repository handling. Many organizations commit and deploy developed code using GitLab's capabilities.

What are GitLab's most valuable features?

- **CI/CD Pipeline Management:** Streamlines development through automated testing and deployment.
- **User-Friendly Interface:** Ensures ease of collaboration and task automation.
- **Code Merging and Branching:** Facilitates smooth code integration and version control.
- **Security Platform:** Provides strong security features for safe development.
- **Tool Integration:** Enhances functionality with diverse tool integration.

What benefits should users evaluate?

- **Development Speed:** Accelerates processes through automation.
- **Collaboration Ease:** Simplifies team interactions and workflow.
- **Customization Options:** Offers extensive personalization for specific needs.
- **Comprehensive Documentation:** Provides detailed guidance for users.
- **Secure Platform:** Maintains integrity with robust security features.

In specific industries, GitLab serves as a backbone for source code management and CI/CD implementation. Companies leverage its capabilities for infrastructure management and deployment automation, thus streamlining project delivery timelines. Its ability to handle configuration management and code repositories effectively aids in maintaining development lifecycles, making it a preferred choice for organizations committed to enhancing their DevOps practices.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“GitLab has positively impacted my organization because previously we stored code locally on servers, leading to many risks, and since GitLab came into our environment, our integration and deployments became much easier, helping our work become much smoother.”



BasilJiji

System engineer at a retailer with 10,001+ employees



“GitLab has impacted my organization positively in terms of version control systems, providing many smart features and reducing the sharing of dependencies compared to what we used to do previously.”



Kevin Shah

Senior Data Scientist at Evolvision Technologies



“GitLab has positively impacted our organization by making our code very secure because GitLab prides itself on security.”



Validated user

Cloud Ops Lead at a tech vendor with 10,001+ employees



“Git merging allows us to track the details of how and who has done what; this is the best feature which is useful for all companies.”



Avdhesh Sharma

Assistant Manager at a tech vendor with 10,001+ employees



“By integrating GitLab as a DevOps platform, we have enhanced agility, improved our time to market, and different teams can work collaboratively on various projects.”



Rohit Kesharwani

Manager, Engineering at a retailer with 10,001+ employees



“GitLab has positively impacted my organization by being faster than other platforms and providing the best user interface and features.”



R Pranavan

Software Engineer at a tech vendor with 201-500 employees



“It is user-friendly, easy to use, and easy to administer.”



Andrew Schetinin

Chief Technology Officer at Acclym

What users had to say about valuable features:

“The best features of GitLab are versioning and keeping track of the versions.

GitLab helps me save time and provide financial benefits, as keeping track of the updated version and the changes is money and time-saving.

GitLab has CI/CD pipeline capabilities..”

Mehmet Beyaz

CTO-OSS R&D and Product Development at TTG Int. LTD

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“The features that are really useful for my use case generally include pulling, merging, and ensuring the pipeline is upright, which are very intuitive.

“It helped me personally and my team to save time and money.

“In terms of impact from using GitLab as an all-in-one DevOps platform, it helped with my project development life cycle..”

Sriya Sainath

Junior Associate at McKinsey

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“GitLab's best features are its built-in CI/CD and pipeline integration, which can be easily connected to AWS or other deployment platforms. The CI/CD pipeline integration is the most valuable aspect for me, and it also provides an easy user interface to create merge requests, merge, and create branches.

The CI/CD pipeline integration has helped my workflow by allowing us to use the .gitlab-ci.yml file to integrate and write our pipeline codes, where we include build jobs, test jobs, and deploy jobs directly with our AWS for S3 using CI/CD variables for push.

In GitLab pipelines, both manual and automatic integration are offered for the pipeline runner, and pipeline logs are provided, which are very useful for DevOps engineers and developers for debugging..”

R Pranavan

Software Engineer at a tech vendor with 201-500 employees

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“CI/CD is the most important feature that I am utilizing with version control and security as well, and all things are very useful inside GitLab.

“CI/CD helps my workflow by allowing me to integrate any new changes or any new version that I want to deploy in the whole ML lifecycle, which I implement through new integration phases and identify updates in the deployment scripts. We generate YAML manifest files, add dependencies, and deploy them utilizing GitLab's versioning system, identifying any security patches that need to be added or incidents that need to be managed, triggering the workflow. We try to manage the perfect scenarios.

“GitLab has impacted my organization positively in terms of version control systems, providing many smart features and reducing the sharing of dependencies compared to what we used to do previously. It has helped the organization merge and collaborate within the team on the level of code accesses and identify how actionable insights can be inputted within the whole pipelining mechanisms, allowing us to easily perform actions on CI/CD. My organization has adapted this and resulted in more productive work..”

Kevin Shah

Senior Data Scientist at Evolvision Technologies

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“In my opinion, the best features GitLab offers are the Issues and Epics feature, which I find very clean and clear to use, and it is very quick and responsive. I also quite value the Wiki feature because both of those are built into the same platform, making it very easy to bounce between the two and create links between the boards and the Wiki.

“The ability to link between the boards and the Wiki helps my workflow and collaboration with my team by ensuring that if we have any tasks that need to be carried out, we have them on the Issues board, and we write runbooks in the Wiki on how to carry out the task. We copy the link of the Wiki and put it into the description of the tickets so that when someone is working on the ticket, they can very quickly go over to the Wiki and know how to carry out their task, which saves us time.

“GitLab has positively impacted our organization by making our code very secure because GitLab prides itself on security. Storing code in GitLab is a very secure way to do it, and from an operational efficiency and time-saving perspective, the Issues and Epics board is definitely helpful, offering a few benefits operationally..”

Validated user

[Read full review](#) 

Cloud Ops Lead at a tech vendor with 10,001+ employees

“GitLab has role-based access control, so when a team member needs to make a code change, they cannot directly apply it to the environment but must put in a merge request. Once a senior reviews the code and approves it, then it is implemented across the environment, making it safer and allowing everyone to experience the process.

The best features GitLab offers are version control and automation, which are the major things that stand out to me. When it comes to access, the login is very smooth, with just one login integrated with our Okta, allowing everyone to log in easily. Deployments become much easier, and that is how GitLab helps.

The automation features make my work easier because we use a tool called AWX, which is connected to GitLab. Whenever we run a job on AWX, it directly checks the code and uses it. Since the code is not preserved locally but kept in the cloud, it is safe and nobody can tamper with it. When it comes to safety, that is a major thing. Automation features allow the code to be accessed from any tools we use, so the jobs we run are helping tremendously and doing their work perfectly.

For pipeline tasks, we have created a significant amount of pipelines, which are all hosted in GitLab. Running the pipelines has become much easier, and they are doing a perfect job, helping tremendously in our day-to-day activities.

GitLab has positively impacted my organization because previously we stored code locally on servers, leading to many risks. Since GitLab came into our environment, our integration and deployments became much easier, helping our work become much smoother.

Improvements from GitLab have led to better team collaboration because when several people are working, they can all edit the code and submit it as a merge request, and once approved, it reflects directly to the main branch. Many can work at the same time. When it comes to deployments, deploying has become much faster since we started using GitLab, and even if errors occur, we can spot them easily and troubleshoot, which has helped tremendously..”

BasilJiji

System engineer at a retailer with 10,001+ employees

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Other Solutions Considered

“I have not used a different solution before GitLab. From the day I started working in my organization, I have been using GitLab. While I heard they were storing all the codes locally on servers previously, I have not experienced that..”

BasilJiji

System engineer at a retailer with 10,001+ employees

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“Before choosing GitLab, I did evaluate other options, and the main competitors I considered were GitHub and Bitbucket. They are great as well, and all three are brilliant, but GitLab, in my opinion, has the cleanest UI, which sets it apart..”

Validated user

Cloud Ops Lead at a tech vendor with 10,001+ employees

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“Before choosing GitLab, I evaluated options like GitLens and Bitbucket. I have tried those tools prior to this project, but ultimately, I chose GitLab as the foremost solution for version control mechanisms..”

Kevin Shah

Senior Data Scientist at Evolvision Technologies

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“In my company, the number of users is around ten thousand. If we are talking about my project, the figure is probably more around the three hundred mark, but it will grow to about six hundred users. In my company, that figure would be anything between five and ten thousand people..”

Raveen Aggarwal

It Architect at UBS Financial

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“Personally, I have previously used GitHub and Bitbucket as well. I find that GitLab has the cleanest and clearest UI out of all of them, and it has numerous features, such as the Issues and Epics tracking feature, as well as the Wiki feature, which sets it apart..”

Validated user

Cloud Ops Lead at a tech vendor with 10,001+ employees

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“I was using GitHub and GitHub Actions prior to this. While GitHub Actions provided good CI/CD operations, GitLab has added smart features, such as a graphical view of branches in version control mechanisms and tracking changes made by authors at specified times. Everything is maintained perfectly in my codebase, and I can easily track buggy code, identifying issues with excellent visibility. This visibility compared to GitHub and GitHub Actions is what led me to switch to GitLab..”

Kevin Shah

Senior Data Scientist at Evolvision Technologies

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ROI

Real user quotes about their ROI:

“I have seen a return on investment with increased collaboration within the team resulting in more productive work and a reduction in time based on prior experiences, which emphasizes GitLab's usefulness..”

Kevin Shah

Senior Data Scientist at Evolvision Technologies

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“Personally, I can't say much about the return on investment because the licensing and costs and everything have been borne by our customer. We were just using it. But I think that the return on investment must be good, and it might be one of the reasons why the customer is using it for all their projects. .”

Validated user

Manager at a tech vendor with 5,001-10,000 employees

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“I have seen a return on investment. Any company that generates its own code and develops applications needs a code base, so it is more of a necessity rather than choosing something because it results in a measurable benefit. However, in terms of operational efficiency, a ten to twenty percent increase in speed could quite easily be seen from using the Issues and Epics tracking feature..”

Validated user[Read full review](#) 

Cloud Ops Lead at a tech vendor with 10,001+ employees

“The main value and impact of using the product are significant. We create and maintain vulnerability-free software by integrating tools like ManageEngine, which periodically patches our runtime environments, including operating systems, kernels, and software. Additionally, we run automated Nessus scans periodically, every week and day, to identify new vulnerabilities even after applying patches..”

VASUDEVA UNGATI[Read full review](#) 

Senior Director - Quality Engineering at mobileum

Use Case

“We use CI/CD for producing a Docker image. Afterward, we use Argo CD with Helm for deployment on OpenShift. Initially, we had the open-source version, however, we upgraded to the Ultimate version for security scanning and other features..”

Andrea PICCININI

IT Software Architect at ANAC - Autorità Nazionale Anticorruzione

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“The broad use of GitLab is for code check-ins, but I also use it for issue management and backlog management. It has integration with testing tools as well, and I utilize those features. GitLab supports code collaboration alongside issue and backlog management. Everyone within my team or pod, as we call it, can see each other's issues. The scrum master can look at the velocity and the burn-down charts..”

Raveen Aggarwal

It Architect at UBS Financial

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“GitLab serves as my main DevOps platform for managing our repository and code base, as well as for pipeline integration of our system.

We maintain all our projects in GitLab with separate folders for project files, and we use GitLab to manage our projects. We also use GitLab pipeline to deploy in our dev environment, QA environment, and production, as well as for creating patches..”

R Pranavan

Software Engineer at a tech vendor with 201-500 employees

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“GitLab is a major help for DevOps automation, primarily for version controlling and deployment purposes. I use GitLab for DevOps automation and version control in my daily work by creating many branches for each environment through which deployments can be controlled and version control can be maintained. When we need to make a change only for the dev environment, we simply make the code change for the dev branch, and only the servers connected to the dev branch receive those changes applied while the rest remains the same. In a similar way, we can particularly target a group of servers, which prevents other issues from occurring. GitLab helps tremendously in this purpose..”

BasilJiji

System engineer at a retailer with 10,001+ employees

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“My main use case for GitLab is utilizing it in three main ways: one is using the Issues and Epics tracking for tasks, the second way is using the Wiki, which is the documentation feature, and then the third way is for code management.

“Out of those three, I find myself using the Issues and Epics tracking feature the most often. I really quite like it because I find it clear and clean to use, and it works well when using it with numerous people.

“We use the Issues feature to record our tasks and assign those out, as well as recording the description of what the task requires. Then we use the Epics feature to group the issues into categories, which makes it easier to track the tasks at a higher level..”

Validated user

[Read full review](#) 

Cloud Ops Lead at a tech vendor with 10,001+ employees

“My main use case for GitLab is as a version control system that we are using. Currently, I am working on an end-to-end AI pipeline, and I have deployed my whole code using GitLab so that all things are utilized for version control for my back-end AI and front-end team. We merge all the Git codes into GitLab, and my CI/CD, issue tracking, security, and monitoring is maintained inside GitLab.

“We try to collaborate with all the teams together on different features. Within GitLab, we are not utilizing Jenkins or any product management tools because it perfectly renders all the information. It maintains the version control system, which is very helpful to containerize and deploy all services, allowing us to have everything together in production..”

Kevin Shah

Senior Data Scientist at Evolvision Technologies

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Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

GitLab is easy to set up, with guided instructions and documentation making the process straightforward. On a scale from one to ten, I would rate the ease of setup as eight.

Rohit Kesharwani

[Read full review](#) 

Manager, Engineering at a retailer with 10,001+ employees

“Setting up GitLab is smooth and straightforward. There is no complexity as long as you're familiar with the basics. A simple code can be reused, facilitating easy installation and use..”

Gaurav Chandel

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AWS DevOps/ Site Reliability Engineer at a tech services company with 10,001+ employees

“The initial setup is easier for someone who knows Linux and has been working as a system administrator. We need to have experience to deploy the solution. It takes around three to four hours to deploy the solution..”

Syed Mustafa Imam

DevOps Engineer at NayaPay

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“Although the solution's documentation is publicly available, you have to invest much more time to read everything and understand how to get around.

On a scale from one to ten, where one is very easy and ten is difficult, I rate the solution's initial setup a six to seven out of ten..”

Zoran Kos

Senior Software Engineer at Windhoff Group

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“The setup cost for GitLab is minimal since the team has its own minimal resource balancing. The costing falls into an intermediate stage and is impactful across all results within the team. It allows for CI/CD stages and addition of security patches smoothly, with only a slight charge that is not significant. Everything related to scripting, processing, management, and deployment works fine..”

Kevin Shah

Senior Data Scientist at Evolvision Technologies

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“The initial setup is easy and depends on the target enrollment; it typically takes just a few minutes to complete. Migration is also handled efficiently, typically in less than a few minutes or between three to five minutes, depending on the data size you want to migrate. The only drawback or consequence is that you need a private Git repository, which GitLab should provide by default..”

Validated user

Principle Product Manager at a healthcare company with 10,001+ employees

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Customer Service and Support

GitLab's support is very helpful. They utilize a severity and priority ticket system, with corresponding SLAs, to address our inquiries efficiently. The support team is quite knowledgeable.

Rohit Kesharwani

Manager, Engineering at a retailer with 10,001+ employees

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“I have not reached out to customer support currently, but email support is very good, although I have not interacted with any call-based mechanisms or voice call systems..”

Kevin Shah

Senior Data Scientist at Evolvion Technologies

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“I have interacted with architects for some advice during the implementation, and they were prompt in their response. However, I have not had to open any support tickets yet..”

Validated user

Platform Engineer & Manager at a computer software company with 51-200 employees

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“The customer support for GitLab is very good, and I have no complaints because they have always been quite helpful. I would rate the customer support a ten out of ten because I have never had any issues with them before, and they are very knowledgeable..”

Validated user

[Read full review](#) 

Cloud Ops Lead at a tech vendor with 10,001+ employees

“We raised a request with GitLab support when an employee's commits were erased, but they were unable to help because they could not find the root cause of what went wrong..”

AvdheshSharma

[Read full review](#) 

Assistant Manager at a tech vendor with 10,001+ employees

“Technical support from GitLab has been satisfactory. I have had meetings where they taught me, explained things, and provided guidance for starting from scratch. Overall, my experience has been pretty good..”

Validated user

[Read full review](#) 

IT Manager at a tech company with 5,001-10,000 employees

Other Advice

“I would recommend others to use GitLab because it is a great tool and there are not any real major drawbacks, just a minor one related to the AI code generation. I have given this review an overall rating of nine out of ten..”

Validated user

Cloud Ops Lead at a tech vendor with 10,001+ employees

[Read full review](#) 

“I would rate GitLab a 10 on a scale of one to ten because it is perfect in all ways. I choose 10 because the offerings provided by GitLab are very useful in aspects like deployment, team collaboration, and deployment speed, all of which GitLab helps with tremendously.

If you are looking for faster deployment, team collaboration, version control, and better use of CI/CD pipelines, my advice is that GitLab is the best option for you, so go and try it out. I give GitLab an overall rating of 10..”

BasilJiji

System engineer at a retailer with 10,001+ employees

[Read full review](#) 

“I would advise others looking into using GitLab that it is a perfect platform for organization-level repository management and pipeline CI/CD features are very useful and easy to use.

I have shared everything I feel and noted the pros and cons of GitLab as a user.

Overall, I rate GitLab positively, giving it a seven out of ten because I have been using GitLab for more than two and a half years and have not faced many difficulties. However, in some cases, I got stuck with runners getting delayed to run, which can be annoying..”

R Pranavan

Software Engineer at a tech vendor with 201-500 employees

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“Since using GitLab, we have experienced fewer errors in identification, and any incidents coming out at the production level can be maintained to facilitate complete results, ensuring that collaboration works fine and deployment scripts remain easily executable, maintaining all services perfectly. Any impactful scripts work fine, whether making minor or major version updates.

“I recommend GitLab if you are looking for a good graph-based solution or any impeccable solution for version mechanisms. I would rate this product a 9 out of 10..”

Kevin Shah

Senior Data Scientist at Evolvision Technologies

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“I have worked with [Azure DevOps](#) before and found it really intuitive to use.

“I have used [GitHub](#) and GitLab as well, and I find that they've been fairly intuitive to use.

“Regarding GitLab, I purchased an enterprise license, though I'm not aware whether I or my company bought this license from [AWS Marketplace](#) or elsewhere.

“I'm not aware of any integration with other tools or third-party applications.

“I haven't faced any difficulties with user interface or deployment.

“On a scale of 1–10, I rate GitLab an 8..”

Sriya Sainath

Junior Associate at McKinsey

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“We are currently using GitLab integrated with [Sonar](#) for code vulnerability checks, [Jenkins](#), [Camunda](#), and XL Deploy. We use [Camunda](#) to deploy folders and XL Deploy for server deployment.

“We are not using the security features on the GitLab side, as we use different tools for that purpose. My team is not using the GitLab merge request process, but we work on providing GitLab access for admin activities, as developers are in different teams handling development and merge requests.

“We are using basic features currently, so I cannot comment on detailed functionality comparisons. [Every](#) versioning control tool provides similar basic features, and we are not utilizing the full functionality of GitLab.

“The system is easy to use.

“On a scale of 1–10, this solution rates a 7..”

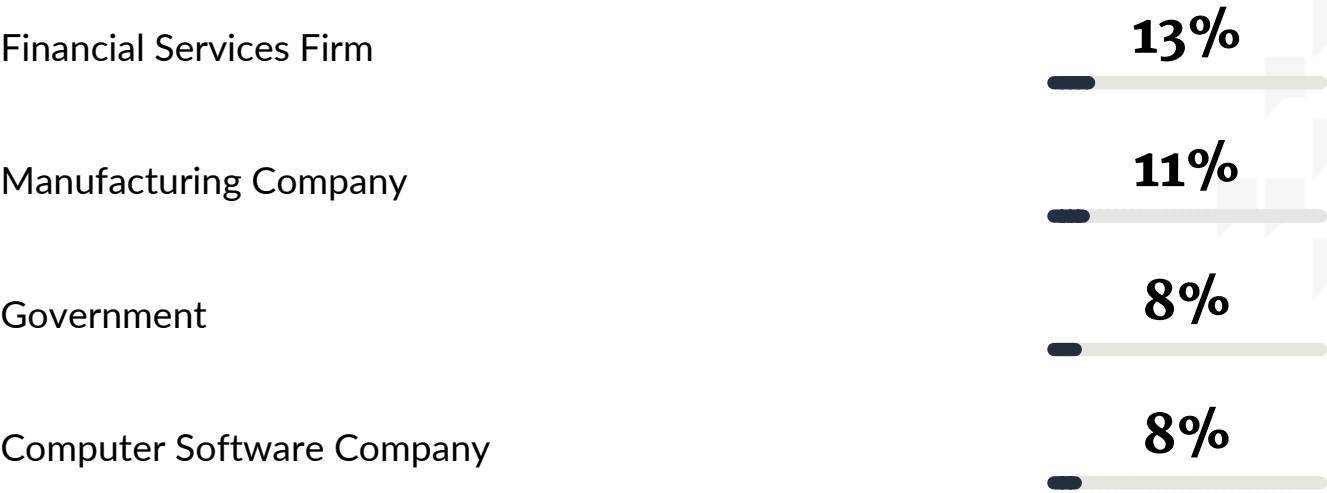
AvdheshSharma

Assistant Manager at a tech vendor with 10,001+ employees

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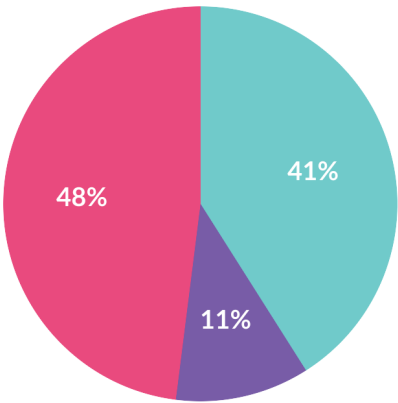
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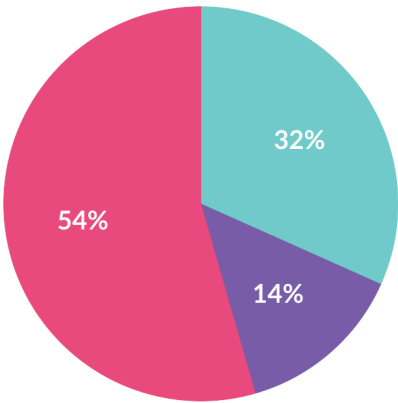


Company Size

by reviewers



by visitors reading reviews



 Large Enterprise  Midsized Enterprise  Small Business

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