

aws marketplace

Buildkite

# Reviews, tips, and advice from real users



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# Product Recap



Buildkite

# Buildkite Recap

Buildkite is a powerful CI/CD tool praised for its scalability and flexibility in automating and managing complex workflows across multiple platforms. Its integration capabilities with various systems and supports for secure, customizable environments enhance development efficiency and data privacy. The feedback highlights significant boosts in productivity and operational cost reduction, making Buildkite a strategic asset for businesses aiming to streamline development tasks and align with organizational goals.

# Valuable Features

Excerpts from real customer reviews on PeerSpot:



“The product's initial setup phase was easy.”



**Prabin Silwal**

Senior Engineering Consultant at ASSURANCE IQ, INC.



“If you join our team, it's very easy to learn Buildkite. We have our own boilerplate, so you can just clone it and add your configuration steps. Plus, we have documentation available to guide you through the process.”



**Zhi Fei Lee**

Senior Software Engineer at Seek



“The solution can be considered as a very well-polished platform with a really great UI.”



**Jaskaran Singh**

Information Technology Specialist at Techn IT Solutions

- ✔ “They have great plugins, scalability, UI, and pipeline options. They also offer webhooks that allow integration with custom setups to send events dynamically.”



**Hamza AlZa'Atreh**

Sr. DevOps Engineer at Bank aletihad

- ✔ “What I like best about Buildkite is its workflow management. You define YAML files to specify what needs to be done. The jobs can run based on a schedule, like a cron job, where you set it to run every night or every week. Additionally, you can set up triggers, such as new pushes to a repository.”



**Pieter Geelen**

Freelancer at geelen.io

- ✔ “Buildkite's UI is particularly intuitive, making it simple to add steps to your pipeline. It also provides detailed logging.”



**Tarun Prashar**

Tech Architect at Provar

- ✔ “The documentation is quite helpful.”



**AmitKumar41**

Member of Technical Staff at VMware by Broadcom

## What users had to say about valuable features:

“The most valuable feature of the solution stems from the fact that we could self-host Buildkite agents, and we could run them on our own AWS instances..”

**Jaskaran Singh**

Information Technology Specialist at Techn IT Solutions

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“Mostly, my company uses AWS CodeStar as the pipeline. Using Buildkite, I think we found it easy to integrate and follow the steps associated with the product. It is also easy to track separate projects or individual projects easily..”

**Prabin Silwal**

Senior Engineering Consultant at ASSURANCE IQ, INC.

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“In Buildkite, I find it easy to manage the Buildkite pipeline with the ability to pull Buildkite IP directly to update security groups. The default upgrade is managed by Buildkite. We use version five integrated with Terraform. There is a team that assists with any significant issues, which adds to the reliability..”

**SameerKhan**

AWS DevOps Engineer at IBM

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“Previously, my company had tried Jenkins with which we had a lot of issues since the nodes kept on crashing, making everything very slow. With Buildkite, the UI is good, but we recently moved to Monorepos, so all our service codes will be in one report. Buildkite helps manage the sessions in Monorepos..”

**Sannihith Kavala**

Senior SRE at a tech vendor with 51-200 employees

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“Buildkite makes it easier to conduct deployment. When I merge a PR in Buildkite, it automatically starts the deployment process. It used to be challenging to shift code from the development branch to the testing branch because I had to follow up with multiple developers. Previously, I was dependent on the DevOps team and developers to handle deployments, but now it allows me to deploy the solutions myself. This has made it much easier for me to handle both non-production and production environments..”

**Purushotham S**

Engineering Manager(QA)/ Release Manager at Esper

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“When I started three and a half years ago, Buildkite wasn't as mature as it is today. When we first started, we had to implement many of the features that Buildkite now provides out of the box. We build our own scalable agents in Kubernetes. Buildkite now has the Kubernetes stack with built-in scalability and so on.

We eventually migrated to those features, but we had to implement many of them manually in the first place. The tool's flexibility with pipelines gave us a lot of advantages, especially when managing a huge amount of microservices..”

**Raed I.Habib**

Senior DevOps Engineer at a newspaper with 5,001-10,000 employees

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# Other Solutions Considered

“We are migrating our Buildkite pipeline to another tool, but I am not aware of why this decision was made. This migration capability is considered a pro..”

**SameerKhan**

AWS DevOps Engineer at IBM

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“I know a lot of companies use Jenkins, GitLab, and GitHub CI, and all of them are good, but they cannot beat Buildkite's UI, ease of use, and developer-friendly features..”

**Jaskaran Singh**

Information Technology Specialist at Techn IT Solutions

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“My company started to use Buildkite after we started having some issues with AWS CodeStar and AWS pipeline projects. We wanted a stable and easy product to use, and that is when we got to know about Buildkite based on some research work..”

**Prabin Silwal**

Senior Engineering Consultant at ASSURANCE IQ, INC.

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“Previously, we utilized DevOps and Jenkins. With Jenkins, deployment was a manual process; we identified the job and validated it through reports. Now, everything is fully automated with the introduction of Buildkite. For each specific change in the application, the corresponding test pipeline is executed, and deployment occurs only if the pipeline get's passed..”

**Aravind R**

Senior Automation Testing Engineer at Nous Infosystems

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“My company has evaluated other tools, such as GitHub Actions against Buildkite. My company has evaluated other tools, such as GitHub Actions against Buildkite.

During our company's evaluation process, we had considered multiple CI/CD tools , after which we came to Azure Pipelines, Harness and Buildkite. In Azure Pipelines, there is an extra cost of parallel CI/CD pipelines, but in Buildkite, there is no such extra cost..”

**Sannihith Kavala**

Senior SRE at a tech vendor with 51-200 employees

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“The problem we are facing sometimes is that we have lots of unit testers, and we have to wait about ten minutes to complete all of those because we want to run or find a way. It's not directly due to the limitation of the tool as well, but when we are running the spec, we want to run those parallelly and decrease the downtime so that our deployment can be faster. I think that one is not possible only due to the it also depends upon the unit test framework as well we are using. When we tried with the multiple test cases in a parallel manner, there were some dependencies, and one over another kept failing. We make those sequential calls. The aforementioned area consists of the issues my company faced while using Buildkite..”

**Prabin Silwal**

Senior Engineering Consultant at ASSURANCE IQ, INC.

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# Use Case

“We use it as our main CI/CD platform. Our platform was a microservice blockchain platform, and we used the solution to build our microservices and deployment..”

**Raed I.Habib**

Senior DevOps Engineer at a newspaper with 5,001-10,000 employees

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“I use Buildkite on our CI/CD tool to build and deploy our services. Over the past few years, I’ve noticed that the build times have reduced due to the implementation of some testing features. The main issues we encounter are related to CI/CD..”

**Hamza AlZa'Atreh**

Sr. DevOps Engineer at Bank aletihad

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“I use Buildkite for deployment tasks related to building AMI images and deploying routing profile queues into Amazon Connect. This involves using Buildkite in conjunction with GitHub. We create files, raise pull requests in GitHub, and then run the Buildkite pipeline for deployment tasks..”

**SameerKhan**

AWS DevOps Engineer at IBM

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“There are two major purposes for Buildkite in my job role. Firstly, I use it for the release of transcripts and managing deployments, including unblocking and blocking them. Secondly, I also run automation integration tests on different branches.

I mainly use what has been set up by our team members and haven't explored the details myself. .”

**Purushotham S**

Engineering Manager(QA)/ Release Manager at Esper

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“Most of our projects involve both front-end and back-end development. We write the code and then create a file to set up our process, including specifying the tests we want to run. Before deploying to production, we need to install and configure certain things. We need something like Docker Pro, but I'm unsure about that. I'm familiar with the steps for using Buildkite for this process. We start by defining which tests to run.

Once the tests are done, we can add a button to ensure the process doesn't proceed until the test is completed or until we manually press the button. We do this because we always have multiple stages of development, like dev, staging, and production. Once the code is deployed, we test it on dev and then press the button to move it to the stage for QA testing. After QA, we press the button again to deploy to production..”

**Zhi Fei Lee**

Senior Software Engineer at Seek

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“I use the solution in my company to merge the codes. When somebody needs more pipelines, the tool will take that person through the setup steps, like testing the unit and CI/CD pipelines. We make some workflows, and we can track which step one can state will fail, which may be in the migration process, database migration, or when unit testing fails. We mostly use the tool for different projects; for each project, we have a different pipeline, most of which is for unit testing. With Buildkite, users can do code coverage tests as well. Suppose somebody makes changes in the code, and if there were no test cases for those, we set the minimum pass level differently for different projects. For critical ones, we also have 95 percent code coverage, and if that is not covered, the build will fail, and that code will not be deployed with the server. The tool is used for the CI/CD pipeline from merging the code. After merging the codes, it will be triggered, and all the deployments can be tracked from a center..”

**Prabin Silwal**

Senior Engineering Consultant at ASSURANCE IQ, INC.

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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.

“The initial setup is not something I witnessed directly as the pipeline was already in place when I joined. Therefore, I have no firsthand information about the initial setup process..”

**SameerKhan**

AWS DevOps Engineer at IBM

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“The solution's initial setup was challenging compared to other tools, maybe because we were using it for the first time. It was a new tool in the market when we deployed it..”

**Anoop Suvarna**

Consultant-Devops(AWS & Azure) at Genpact - Headstrong

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“The solution's initial setup depends on the platform. Since I was using Kubernetes, I would say the initial setup was not very easy. That's not a limitation of Buildkite, but it is probably more related to Kubernetes. If I were just to discuss the setup with the agents, I would say the setup would be average..”

**Raed I.Habib**

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Senior DevOps Engineer at a newspaper with 5,001-10,000 employees

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“The initial setup was easy since we had the documentation. We use the SaaS version. Our build was large. The deployment took 20 to 30 minutes. The process is automated. We didn't need any engineer for the deployment. We had to look into things to see if there was some failure. We have three people on our technical team. It is easy to maintain the tool. Our builds run on Amazon EC2 instances. If it changes, we need to update Buildkite..”

**AmitKumar41**

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Member of Technical Staff at VMware by Broadcom

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“The product's deployment phase is easier than that of Jenkins. With Jenkins, one needs to use its specific GUI language. In Buildkite, you have the flexibility to use any language.

If users use AWS or EC2 in their companies, the tool can be deployed on Buildkite's cloud services..”

**Sannihith Kavala**

Senior SRE at a tech vendor with 51-200 employees

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“The initial setup is complex. Most work for the pipeline has to be done by the development team. I'm only responsible for the test pipelines from our end.

We began with a POC for the build process, which took around one month. We started by using Azure DevOps, then transitioned from Azure DevOps to Buildkite. It took us some time to configure Buildkite and understand how it works. Eventually, we managed to have it up and running within a week. The entire POC phase lasted around eight to nine months, during which we thoroughly reviewed and refined our plans.

At least ten people were involved in the Buildkite deployment..”

**Aravind R**

Senior Automation Testing Engineer at Nous Infosystems

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# Customer Service and Support

“The solution can be considered as a very well-polished platform with a really great UI. Knowledge-wise, when it comes to response time, the technical team was at the top. I rate the technical support a nine out of ten..”

**Jaskaran Singh**

Information Technology Specialist at Techn IT Solutions

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# Other Advice

“With two years of experience on Buildkite, I would recommend it to others due to its manageable pipeline and the support team available for big issues. I am satisfied with it, rating its stability an eight out of ten. Overall, I rate Buildkite eight out of ten..”

**SameerKhan**

AWS DevOps Engineer at IBM

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“I can advise you on Buildkite. It's a good tool with some new features that are related to existing ones. They have integrated some existing features effectively.

It's very simple to learn and use authentication. It should be the central tool for all.

Overall, I rate the solution a nine out of ten..”

**Hamza AlZa'Atreh**

Sr. DevOps Engineer at Bank aletihad

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“I recommend the product to those who plan to use it instead of some other pipelines, like Jenkins or AWS CodeStar.

I don't know if the product's machine-learning capabilities were used.

I think it's not difficult to use the tool because Buildkite is easy to follow since it is

only the pipeline part. You can just run the shell script as you want and define the different steps. You can just define which commit, which branch, what the message is, and all the other things that are supported to run in the workflow can be defined in the pipeline. If you know about shell scripts, you can start with those pipelines and deal with config, as there are some samples as well.

I rate the tool as an eight and a half to nine out of ten..”

**Prabin Silwal**

Senior Engineering Consultant at ASSURANCE IQ, INC.

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“I haven't used any other CI/CD platform before this, except for GitLab CI/CD, which I only used at a surface level. We would write some build steps and deploy them as soon as the tests were done. I'm unsure if GitLab has the same capabilities as Buildkite, particularly the step configuration feature that allows you to customize and control the move from one stage to the next (dev to staging, staging to production). I find this feature in Buildkite very easy to integrate and use.

If you're considering using the solution for the first time, I suggest starting with GitLab CI/CD or GitHub Actions. Buildkite might be overkill for smaller projects or individual use. It's usually more expensive for new users but can be cost-effective for large-scale organizations.

I rate the overall product a nine out of ten. .”

**Zhi Fei Lee**

Senior Software Engineer at Seek

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“I recommend the product to others who plan to use it. If you use some CI/CD tools like Jenkins, GitLab, or GitHub, then there is no need to get some training in Buildkite. One can start off with Buildkite's documentation, and I feel it would be a very good starting point.

Buildkite has impacted our company's software delivery speed and cost significantly after we moved from Jenkins though there is not much of a difference, but Buildkite is a bit quicker. The ease of use of Buildkite is better than that of Jenkins. Buildkite's UI and Ux are better than Jenkins.


My company does not have any machine learning projects at the moment.

I have not seen any downtime with the tool.

I rate the tool as an eight to nine out of ten..”

**Sannihith Kavala**

Senior SRE at a tech vendor with 51-200 employees

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“Buildkite is an easy-to-use tool. As a SaaS platform, managing agents is straightforward with the solution. Since it's a combination of pipeline and templating, some knowledge is required. However, Buildkite's documentation is really good.

The dependency between the steps is really good with failures in Buildkite. The agent's registration is a lot better now with the new stack. It wasn't so before because we had to do all this manually, and failures were harder to track. I think it's better now with the new stack. I haven't tried it extensively with the new stack, but I think it's a lot better. The dependencies and the metrics between the steps in Buildkite are quite flexible.

I would recommend the solution to other users. From a technical perspective, the flexibility of bringing your own agents is a huge advantage. From the business aspect, you don't have to worry about managing your masters. This is a huge concern for DevOps engineers using other platforms like [Jenkins](#) or Travis.

Overall, I rate the solution a nine out of ten..”

**Raed I.Habib**

Senior DevOps Engineer at a newspaper with 5,001-10,000 employees

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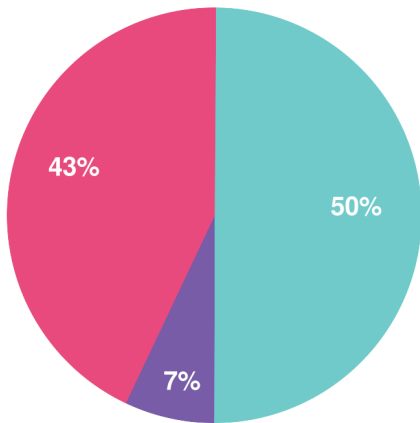
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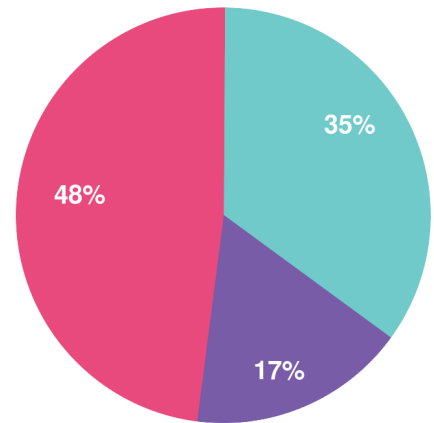


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by reviewers



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Large Enterprise      Midsize Enterprise      Small Business

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