

aws marketplace

Codefresh

Reviews, tips, and advice from real users



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Product Recap



Codefresh

Codefresh Recap

Codefresh is a next-generation enterprise software delivery platform for cloud-native applications. We help you automate your GitOps workflows and advanced deployments such as Canary and Blue/Green and are the premium Argo enterprise solution. DevOps teams from GoodRx, Monday.com, Deloitte, and more depend on Codefresh to deploy their software in a safe and scalable manner. Codefresh can support any pipeline end-to-end.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “Since switching to Codefresh, our organization has definitely seen approximately a 30 percent reduction in deployment times.”



Usman Shaikh

Dev Ops Engineer at a manufacturing company with 51-200 employees

- ✓ “Before Codefresh, we had to plan the strategy, write the configuration file, and run everything; it used to take two to three days to plan and implement, but now it is a one-time job, so it can be done in ten to fifteen minutes, which has reduced a lot of time and sped up the automation and CI/CD, requiring fewer employees.”



Samruddhi Patil

Cloud Platform Engineer at Futurescape Technology

- ✓ “Codefresh has positively impacted my organization; it has been amazing.”



Daniel Tran

Strategy & Innovation Senior Dev Ops Engineer at National Australia Bank

What users had to say about valuable features:

“Codefresh offers pipeline automation, Kubernetes native architecture, and GitOps workflow integration, which is very useful; without GitOps, we cannot coordinate with the code. It also provides strong integration with container insights, and to see the deployment process, it shows a dashboard that gives clear insights about what is happening. It also provides smart deployment strategies like blue-green and canary deployments, which are very useful for the production release of applications.

Previously, when a developer pushed code, we had to take the code and change the configuration manually, but now through Codefresh's automation, it is easy to deploy through three stages; once it is successful in development, it goes to the staging environment, and after the pull request is approved in staging, it goes to production deployment. For the configuration file, we only have to write it one time, and everything from container to test is done by Codefresh, which has reduced the work for Kubernetes deployment.

Codefresh eliminates the manual process and provides a centralized platform for continuous integration, continuous delivery, and GitOps-based release management. It is also easy to integrate with Argo CD, so it is used on top of Argo CD, making it useful for deployments like Kubernetes..”

Samruddhi Patil

Cloud Platform Engineer at Futurescape Technology

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“In my opinion, the best features Codefresh offers are extensibility, flexibility, a lot of features, and it is also very fast. The documentation is really good and helps me in my day-to-day work. We were able to quickly move off Bamboo and CodeBuild from Google Cloud while using the same functionality that we require. Codefresh has really good GitOps capabilities.

“Codefresh has positively impacted my organization; it has been amazing. Previously, we would have to build scripts and go into Cloud Build in GCP, and we would have to build our own Terraform images and run that inside Cloud Build. When Codefresh came along, it was much easier to share code with everyone else because we had a single pipeline and similar templates.

“Everyone was more on board since switching to Codefresh. In terms of time saved, I would say one day saved per week. We used to have a lot of toil with Cloud Build, but no more with Codefresh..”

Daniel Tran

Strategy & Innovation Senior Dev Ops Engineer at National Australia Bank

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“The best feature of Codefresh is the GitOps control plane, which provides a single unified view of all Argo CD runtimes and clusters on the dashboard. It completely removes the black box feeling of a Kubernetes cluster that you see in the CLI. It shows real-time health and sync status of every application across the entire organization.

“The unified dashboard in Codefresh has shifted our team from reactive to proactive collaboration. Instead of developers constantly asking the DevOps team for deployment status or manually checking multiple Argo CD runtimes, everyone can see the real-time health of their services in one place. On top of that, we have a job written which keeps the health check on the MS Teams chat, so the team is aware of the application status.

“One final feature that actually makes my life easier is the shared volume architecture across the pipeline steps. Unlike other CI/CD tools where you have to manually cache and upload or download artifacts between stages, Codefresh automatically persists the workspace across the entire workflow. I don't have to worry about the artifacts. This makes passing heavy Docker layers and build artifacts between the steps incredibly fast and simple.

“Since switching to Codefresh, our organization has definitely seen approximately a 30 percent reduction in deployment times. Previously, there was manual intervention required. After adapting to Argo CD, we see fewer manual errors, and by standardizing our pipelines through the step marketplace, we have eliminated the snowflake configuration that used to cause production outages. The GitOps automation with Argo CD has saved our DevOps team roughly three to four hours per week.

“The time we have reclaimed from manual deployments has allowed us to shift our focus from maintenance to innovations. Instead of spending several hours a week managing sync errors and building custom scripts, we have implemented advanced security such as SAST and DAST scanning directly into our pipeline, ensuring every image is vetted before it hits the cluster. Secondly, we have optimized infrastructure cost by dedicating time to fine-tune our Kubernetes resource requests and limits. Third, we have improved developer self-service by building a library of standard templates in the step marketplace. Now, a developer

can spin up a complete production-ready CI/CD pipeline for a new microservice in a minute..”

Usman Shaikh

Dev Ops Engineer at a manufacturing company with 51-200 employees

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Other Solutions Considered

“This is our first established solution, and it is the best platform.

Another choice before choosing Codefresh was CircleCI, but CircleCI was good for Docker-based deployments; however, we wanted something that supports Kubernetes, so we found Codefresh to be better for Kubernetes deployment..”

Samruddhi Patil

Cloud Platform Engineer at Futurescape Technology

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“Previously, before Codefresh, we were primarily using Jenkins before making the switch to Codefresh. The main reason for the move was that Jenkins felt like it was becoming a maintenance nightmare for our Kubernetes-native environment. We were spending too much time managing plugins, scaling the Jenkins master, and writing custom fragile groovy scripts for our deployments. We switched to Codefresh because it offered native GitOps support. Instead of building a custom bridge between our CI and Kubernetes cluster, Codefresh provided us a unified dashboard that natively integrated with Argo CD..”

Usman Shaikh

Dev Ops Engineer at a manufacturing company with 51-200 employees

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ROI

Real user quotes about their ROI:

“I have seen a return on investment from using Codefresh.

Before Codefresh, we had to plan the strategy, write the configuration file, and run everything; it used to take two to three days to plan and implement, but now it is a one-time job, so it can be done in ten to fifteen minutes, which has reduced a lot of time and sped up the automation and CI/CD, requiring fewer employees..”

Samruddhi Patil

Cloud Platform Engineer at Futurescape Technology

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“We have seen a definitive return on investment both in terms of engineering efficiency and infrastructure stability. From a technical standpoint, our deployment frequency has tripled because we have moved from manual syncs to a fully automated GitOps flow. We have saved approximately four to six hours per week. In terms of dollars, considering both engineering cost and infrastructure cost, I would say the savings are more than at least \$10,000 to \$15,000..”

Usman Shaikh

Dev Ops Engineer at a manufacturing company with 51-200 employees

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Use Case

“My main use case for Codefresh is building pipelines, changing config, and creating a platform for developers.

“When I use Codefresh for building pipelines or creating that developer platform, I use a template that we bootstrapped for everyone else in the bank. We started building our own dedicated pipelines using this template. It would be in our GKE, as a shared pipeline in a shared cluster that we would use to deploy our GKE resources..”

Daniel Tran

Strategy & Innovation Senior Dev Ops Engineer at National Australia Bank

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“I use Codefresh for Kubernetes applications and to deploy Kubernetes applications. We have used Codefresh for deploying containerized applications to Kubernetes environments, and our organization has adopted GitOps for managing multiple environments such as development, staging, and production, which makes Codefresh ideal for this purpose.

Managing the Kubernetes platform and deploying applications on Kubernetes is very difficult, but Codefresh has made it easy to deploy applications in different environments like production, staging, and development..”

Samruddhi Patil

Cloud Platform Engineer at Futurescape Technology

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“Our primary use case for Codefresh is building and deploying microservices to Kubernetes. We use Codefresh as a GitOps control plane, which is integrated with Argo CD to automate our deployments and manage environments efficiently.

“When a new commit is merged into our application repository, our Codefresh CI pipeline automatically builds the Docker image and pushes it to our registry. From there, we then use the GitOps update step in Codefresh to automatically update the image tag in our separate deployment repository that contains our Helm charts. Since that deployment repo is connected as a Git source to the Codefresh GitOps runtime, Argo CD immediately detects the out of sync state and pulls the new configuration into our Kubernetes cluster. This gives us a seamless automated flow from code to running pods.

“That is our main use case..”

Usman Shaikh

Dev Ops Engineer at a manufacturing company with 51-200 employees

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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.

“We did not do a full-scale evaluation of other major platforms such as GitLab or Harness because we were already using Jenkins and had already started implementing Argo CD for our GitOps workflow. We were primarily looking for a better control plane that could unify these existing tools..”

Usman Shaikh

Dev Ops Engineer at a manufacturing company with 51-200 employees

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Customer Service and Support

“Our experience with Codefresh customer support has been very positive. We are on an enterprise plan which gives us a four-hour target response time, but it usually happens before that time for normal issues and even faster when we have P1 priorities. We have reached out a few times, mostly for clarification on advanced GitOps runtimes configurations or minor UI bugs. The engineers we speak with are very highly technical. They don't just give us a generic script. They actually understand Kubernetes and container architecture, which makes a huge difference. Since the acquisition of Octopus Deploy, we have noticed the support resources have become very robust..”

Usman Shaikh

Dev Ops Engineer at a manufacturing company with 51-200 employees

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Other Advice

“My advice for others looking into using Codefresh is to have a templated repo and have people start off with that. I would rate this product 10 out of 10..”

Daniel Tran

Strategy & Innovation Senior Dev Ops Engineer at National Australia Bank

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“If you're considering Codefresh, my biggest piece of advice is to embrace GitOps fully from the start. Don't just use it as a traditional CI tool. Take advantage of the native Argo CD integration and the GitOps control plane. It is where the real value lies for Kubernetes-native teams. I would recommend starting with the step marketplace instead of writing custom scripts.

“We have covered the most important aspects. It has been a solid transition from the previous solution. GitOps visibility alone has made it a worthwhile investment for our team. I'm satisfied with how it's currently helping us manage our Kubernetes cluster. I would rate this product a 9 out of 10..”

Usman Shaikh

Dev Ops Engineer at a manufacturing company with 51-200 employees

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“Previously, the process had to be done by three to four DevOps engineers, which included writing the YAML file, managing the containers running in Kubernetes, managing the configuration file, and checking for successful deployments in development and staging before doing blue-green and canary deployments, but

now everything has been automated.

Codefresh has made the most positive impact by reducing errors; sometimes humans make errors, especially during high-pressure times or with a high workload. It can be hard to configure the files, and we can misconfigure them, leading to wrong deployments, but with the one-time job of configuring the Kubernetes configuration file, it is very easy for repetitive tasks, and it has also reduced repetitive tasks by being triggered automatically once the code is pushed.

Initially, we tried the free trial application, and now we are using a team plan which is managed by the upper teams. I would rate this product a nine out of ten..”

Samruddhi Patil

Cloud Platform Engineer at Futurescape Technology

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PeerSpot

244 5th Avenue, Suite R-230 • New York, NY 10001

reports@peerspot.com

+1 646.328.1944