



5 cool ways to get started with Cloud Native Development



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Hey everyone!

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Hey everyone!

- Co-founder of Okteto.
- Former architect @ Atlassian, Software Engineer @ Azure.
- @rberrelleza in most places.



Okteto: A Tool to Develop Applications in Kubernetes

release v1.8.4 **PASSED** Scope ✓ 91 ✖ 5 license Apache-2.0

ci best practices in progress 97%

Overview

Kubernetes has made it very easy to deploy applications to the cloud at a higher scale than ever, but the development practices have not evolved at the same speed as application deployment patterns.

Today, most developers try to either run parts of the infrastructure locally, or just test these integrations directly in the cluster via CI jobs or the "docker build, docker push, kubectl apply" cycle. It works, but this workflow is painful and incredibly slow.

Okteto makes this cycle a lot faster by launching development environment in Kubernetes. You write your code locally using your favorite tools and Okteto detects the code changes and instantly synchronizes your code to your development environment. There you can use your compilers and hot reloaders to see your changes live in seconds.

Install

MacOS / Linux

```
curl https://get.okteto.com -sSfL | sh
```

Windows

Download <https://downloads.okteto.com/cli/okteto.exe> and add it to your \$PATH.

You can also directly download the precompiled binary from [the releases page](#).

Kubernetes for Developers

Development platform for Kubernetes applications.
Build better applications by developing and testing your code
directly in Kubernetes.

[Start Now for Free →](#)





Okteto Stacks

docker-compose for the
Cloud Native World

Demo



Okteto Push

Your code to Kubernetes in seconds

Demo



VS Code Remote Development

Remote Development Environment in
Kubernetes directly from VS Code

Demo



Okteto Actions

Build, Preview and Ship your
Cloud Native Apps directly from Github

Demo



OpenFaaS + Okteto

The easiest way to develop and debug your serverless functions

Demo

**Stars, feedback, issues and PRs
welcome!**

<https://github.com/okteto/okteto>



okteto
Bangalore Meetup

<https://www.meetup.com/Okteto-Bangalore>

Q&A

Links!

- <https://cloud.okteto.com>
- <https://github.com/okteto/okteto>
- <https://marketplace.visualstudio.com/items?itemName=okteto.remote-kubernetes>
- <https://okteto.com/blog>



Thank you!



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