

Did We Actually Make **Developers** Happy by Shifting to Microservices?





Hello!

I am **Arsh Sharma**

I work as a DevEx Engineer at **Okteto** and am an active contributor to the **Kubernetes** project.

Say hi on Twitter at **@RinkiyaKeDad!**

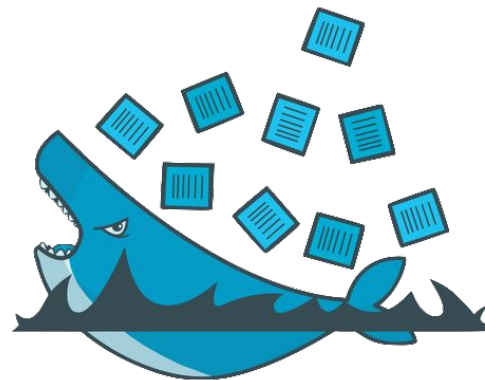


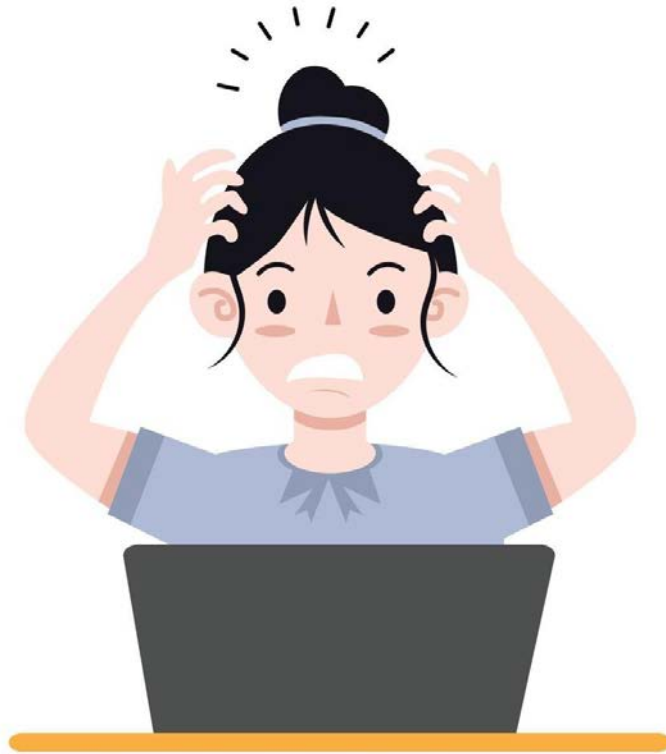
Meet Jane - a happy developer who loves to implement cool features and squash nasty bugs



● Enter Containers and K8s

- Containerization became the norm
- Monoliths to microservices
- The world of our happy developer suddenly changed



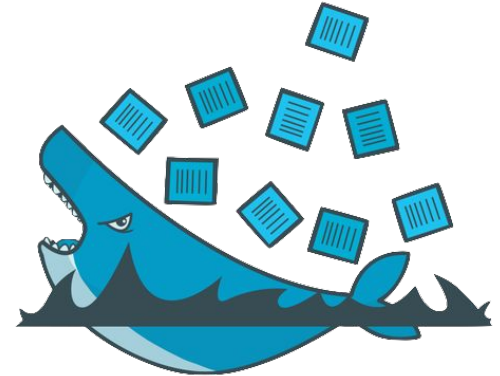


Meet Jane - a developer who's now supposed to deal with a lot of configuration before she can begin writing code



Problems now Jane has to deal with

- Either work with isolated microservices locally
- Or spend a bunch of hours configuring a complete dev environment





Ways we tried making Jane happy

CI/CD
Pipelines

Staging
Environments

?

But did they work?

No - they're too far from the developer!



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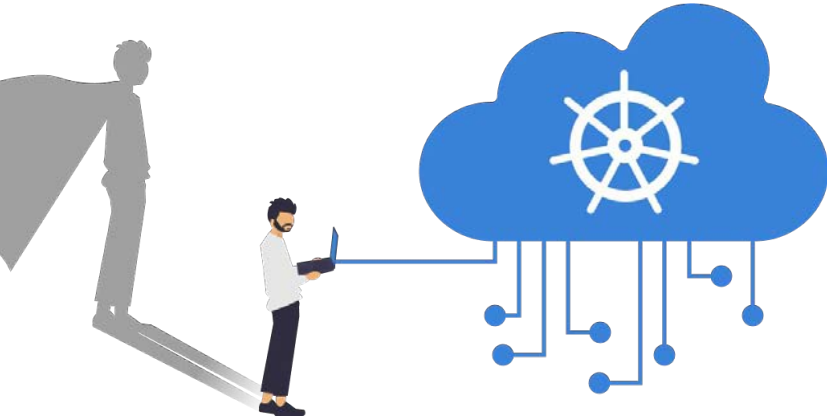
*Happy developers write better
code!*



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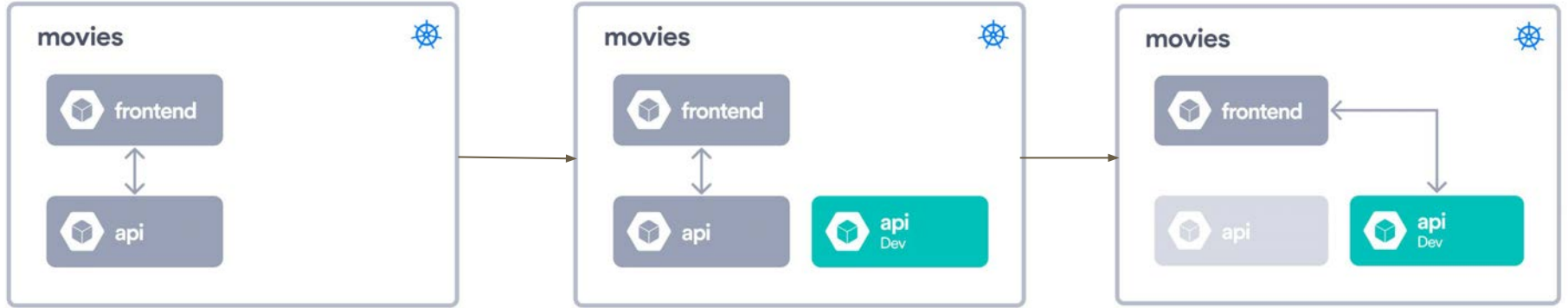


Cloud Development Environments



Connect To A **K8s Cluster** And **Develop There Directly**

With Cloud Dev Environments the idea is that you deploy your application to a cluster just like you would in production and then see the result of the code you write as soon as you hit save!



How Cloud Dev Environments Work





A Better Dev Experience

Mirror Production

Use the same manifests as production to bring up your development environment

Instantaneous Feedback

No need to wait hours for CI pipelines or staging environments - see your changes live as soon as you hit save

One Time Configuration

Get directly to the “code writing” phase without wasting time configuring all the different microservices

*If everything happens in the cloud,
why shouldn't your developments
environments be there too?*



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Thanks!

Any **questions** ?

You can find me at

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