

# Cloud Native Trend 2023

## CORE BUSINESS ACTIVITIES

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**Jumpbox®**

- TRAINING
- COMMUNITY
- CONSULTING & SOLUTION



# Jumpbox®

Tech Passion | Sharing | Society



# Passion

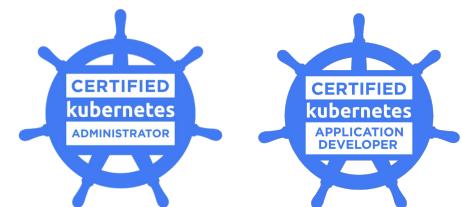


# Learning Path



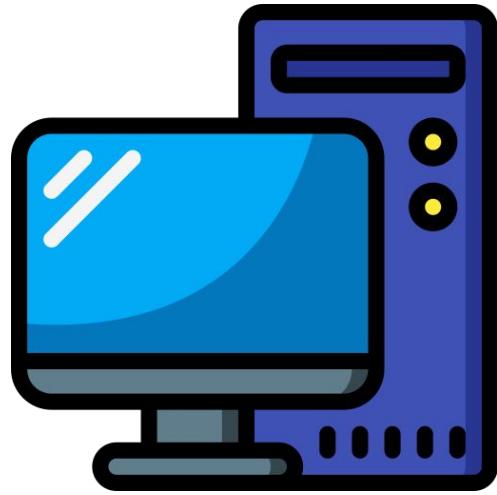
**Saritrat Jirakulphondchai (JoJo)**

**Co-Founder**  
**Jumpbox & KubeOps Skills**



# Cloud?

# Why?



Computer



Computer

**CPU: 4 Core**

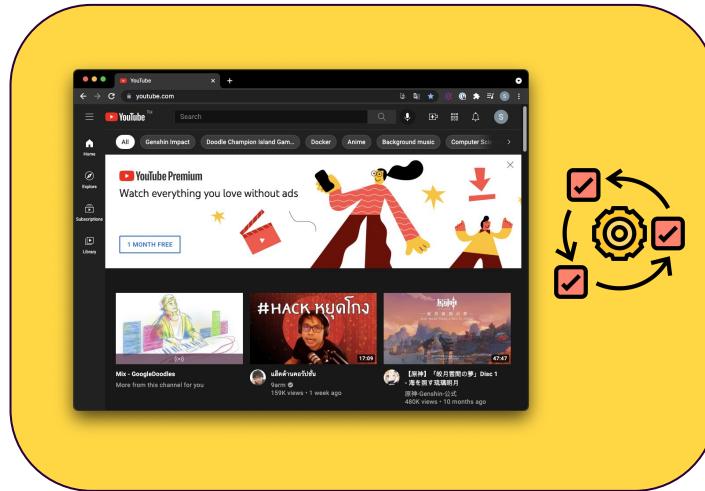
**RAM: 8 GB**

**GPU: 16 GB**

**CPU 2 Ram 4**



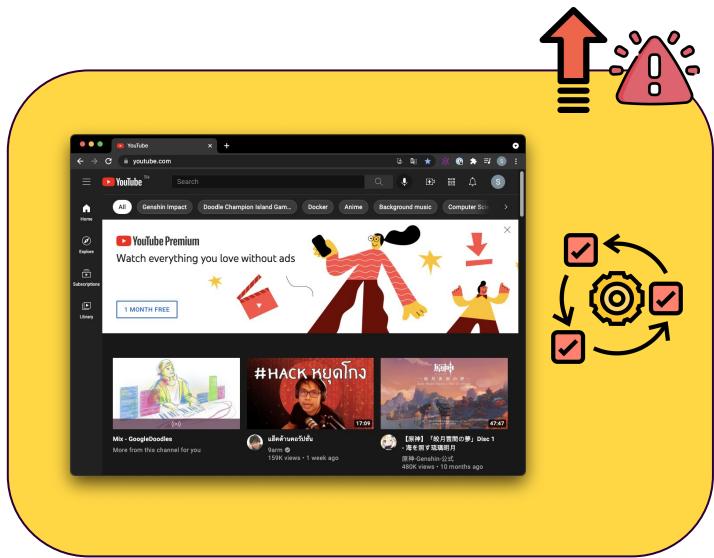
Computer



**Processing**

**Jumpbox®**

**CPU 4 Ram 8**



**User A**



**User B**



**User C**



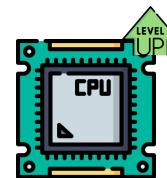
**RED ZONE**  
**(Max Usage)**



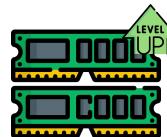
Human



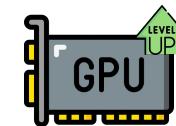
Upgrade



CPU: 16



Ram: 32



GPU: 32

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**Green Zone**  
**(Available Resources)**



**transform**



Human

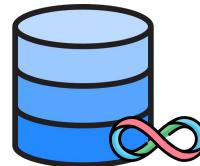


Click

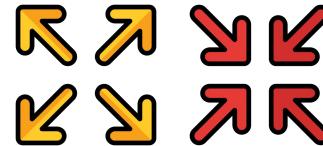
# Cloud as known as Cloud Computing



**Reduce Cost**



**Unlimited Storage**



**Scalable**



**Security**

Achieved

Frequently these are delivered by a  
**cloud services platform**

## cloud services platform

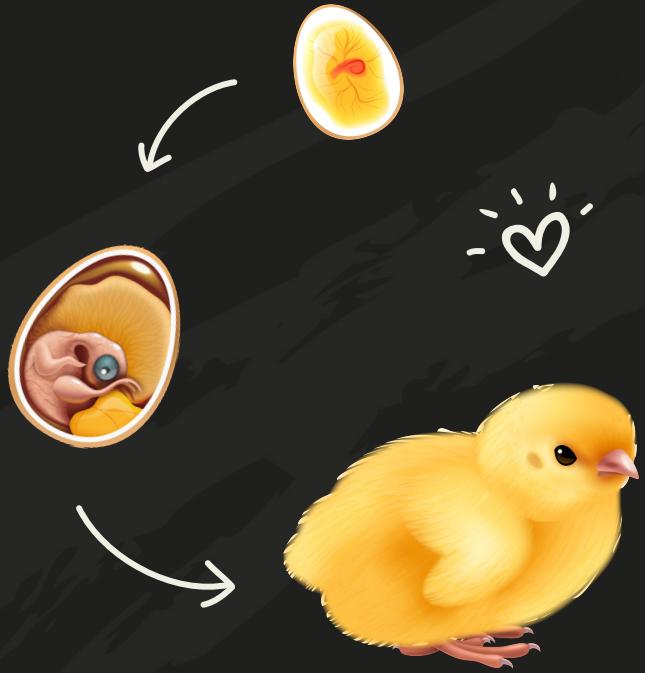
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## Summary

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Cloud is the **on-demand** delivery of infrastructure (hardware/servers), storage, databases, and all kinds of application services **via the internet.**



01

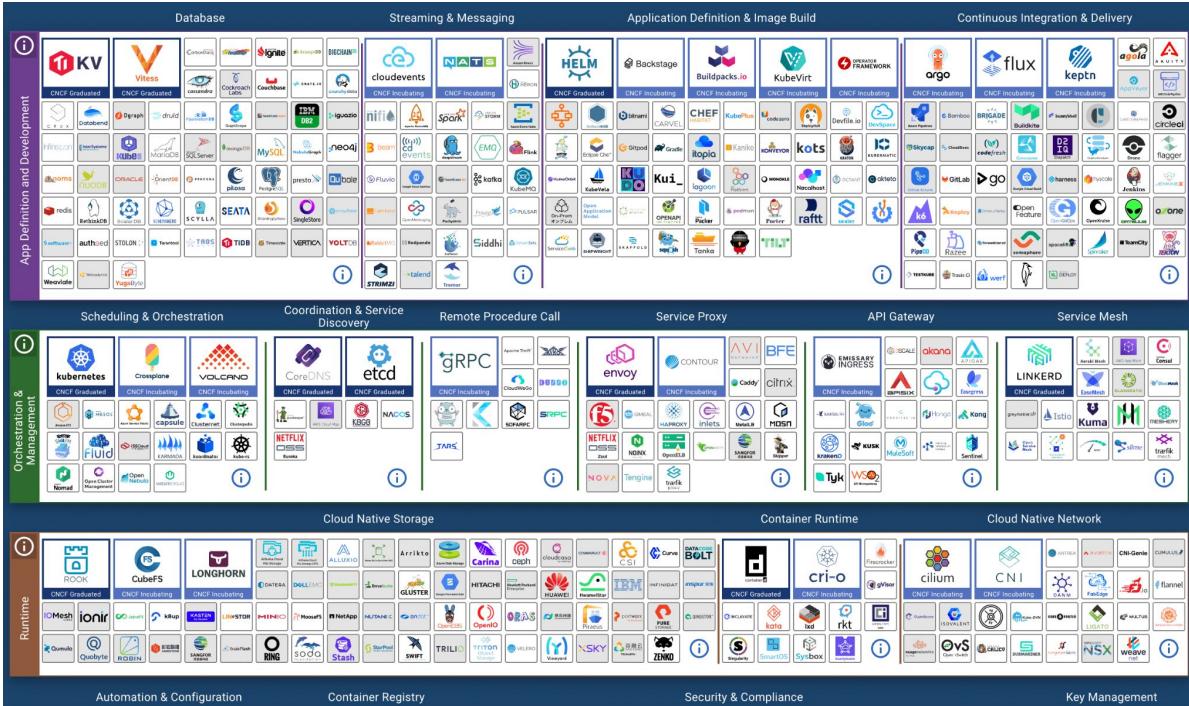
# Starter

Life's Journey

# Cloud Native?

Cloud Native  
**“Is Not The Cloud”**

# Tools Set?



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Cloud native is  
**more than** a tool set

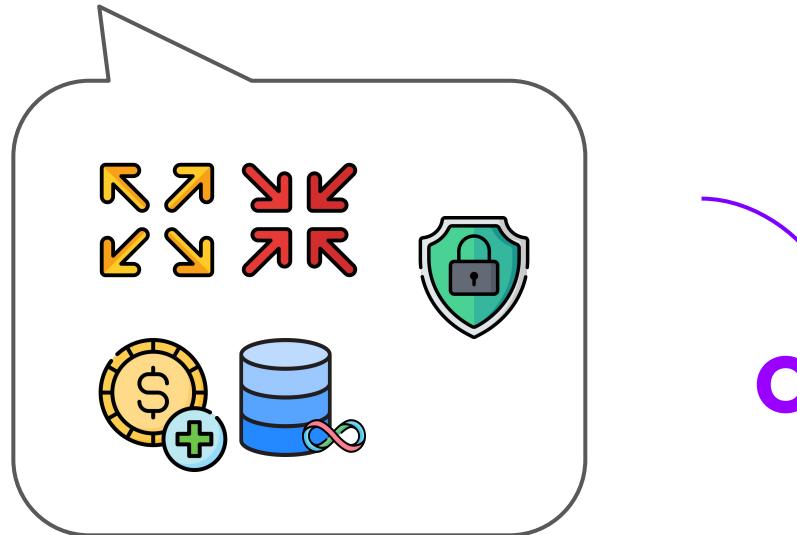
# Cloud Native?

**Native = Local**

# Native Speaker

(พูดภาษาถิ่น)

# Cloud Native



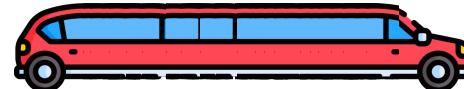
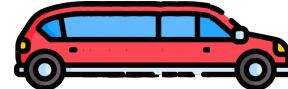
**Optimized way**

## Example

Implement **CAR**

+

**Cloud Native**



## Example

Implement Jar + Cloud Native



# Organization

+

# Cloud Native

Continuous Deployment

DevOps

**Agile**  
(scrum/kanban)

Microservices

**Serverless**

Cross-functional teams

SRE

**Design Thinking + Agile +Lean**

**Edge computing**

Distributed, self-organized  
**(micro Enterprise)**

Micro function

## Summary of **Cloud Native** – Application way

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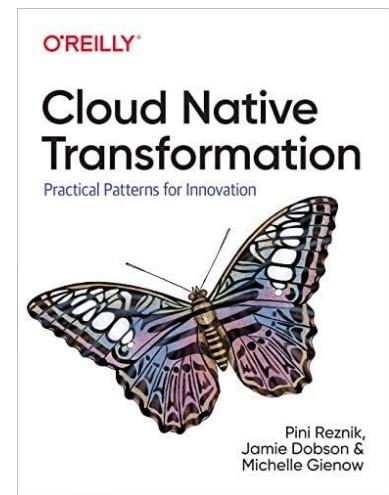
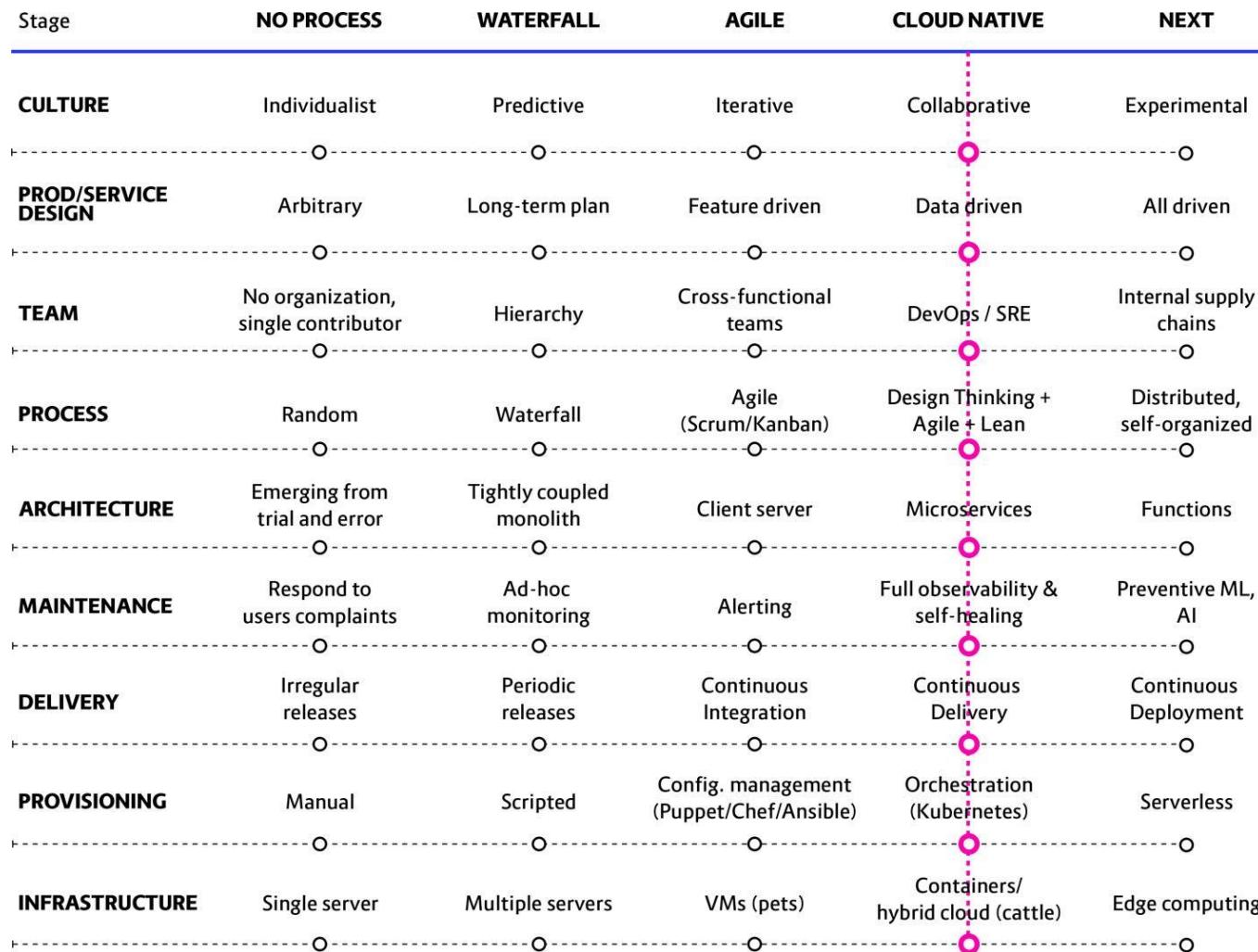
It is a complete architecture, a philosophical approach for **building applications** that **take full advantage of cloud computing**.

## Summary of Cloud Native **ERA**

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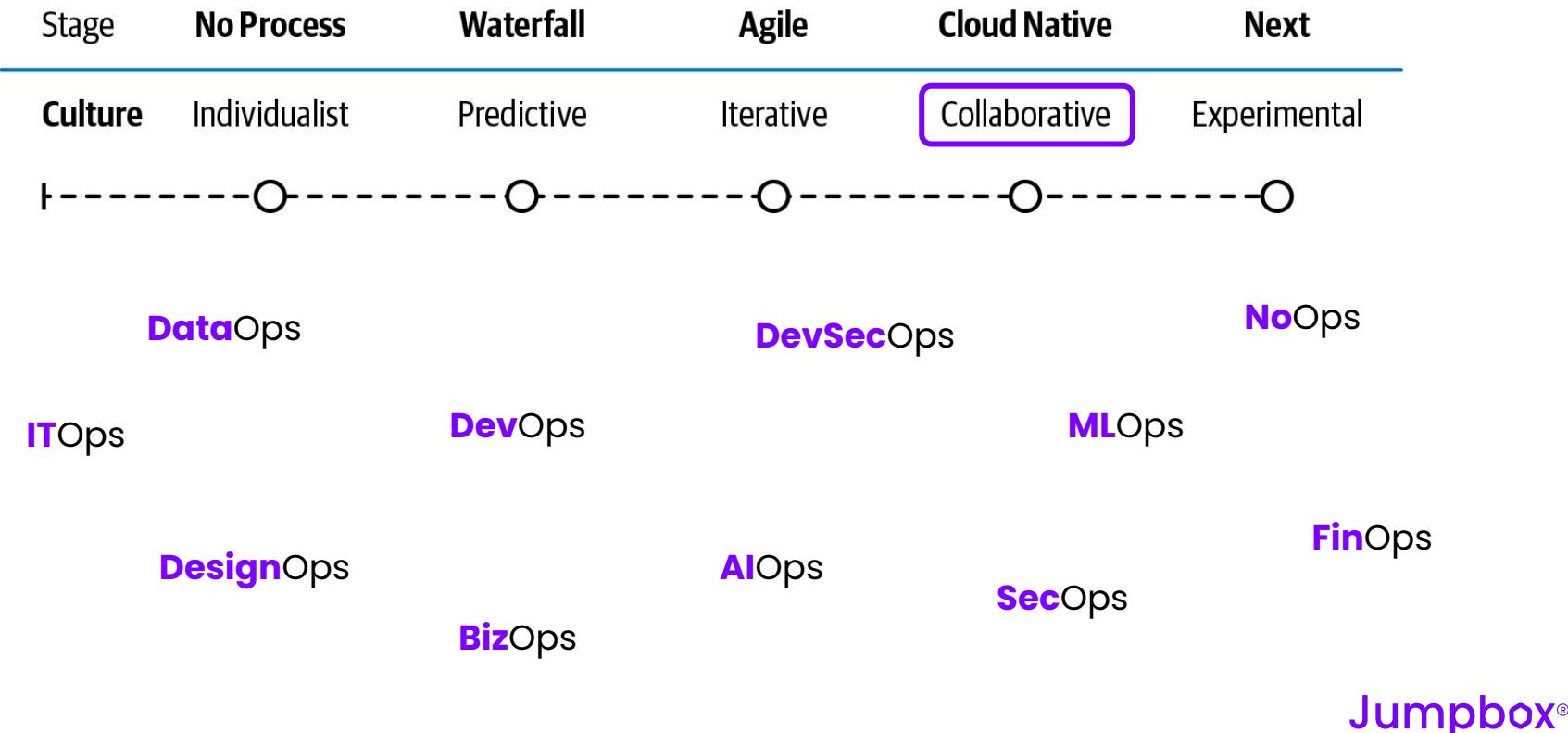
It is a complete architecture, a philosophical approach for **Everything** that **take full advantage of cloud computing.**

# Cloud Native Maturity Matrix Tools

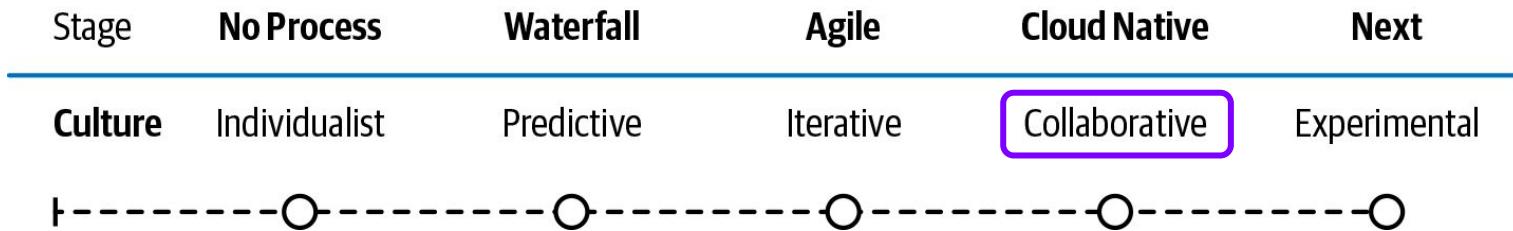


# Trends 2023

# Culture



## Culture - 2023



Next

# Collaborative

→

## Experimental

e.g.

# **Pair-Programming**

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# Remote Mob

- <https://www.remotemobprogramming.org> ::  

## Remote Mob Programming

Remote Mob Programming combines two ways of working: Mob Programming and working as a distributed team. Woody Zulli describes Mob Programming as creating ...

Remote Everybody · Small Team · Typist and the Rest of the Mob · Group Decisions
- <https://remotemob.io> ::  

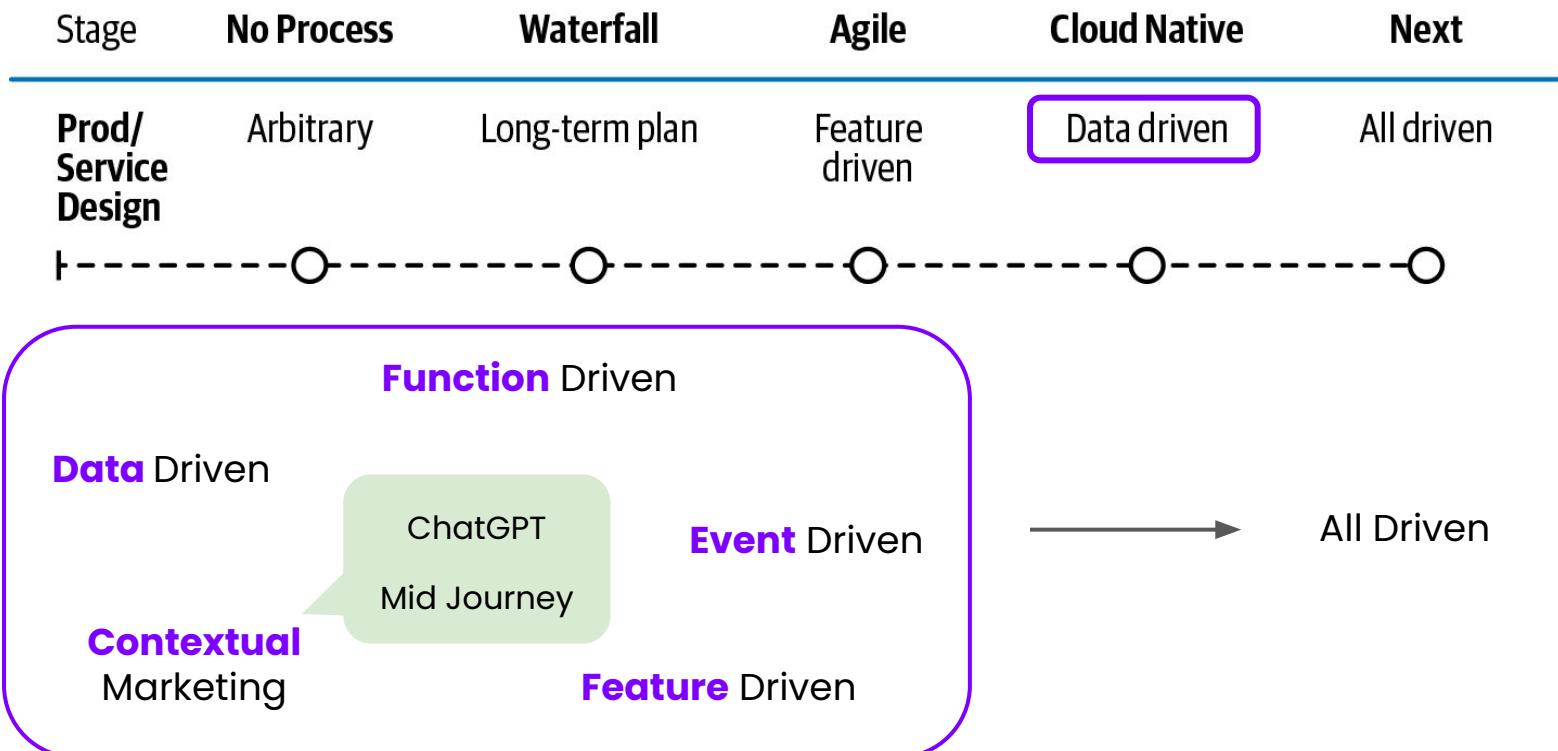
## Remote Mob

A tool to help your team with remote programming- and collaboration tasks. **Remote mob** keeps track of the current "Typist" and when to take coffee breaks ...
- <https://github.com/remotemobprogramming> ::  

## Remote Mob Programming - GitHub

Tool for smooth git handover. ... How we do **Remote Mob** Programming. HTML 26 6 ...

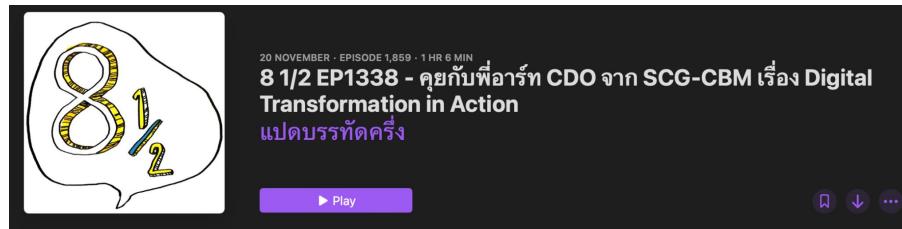
# Product / Service Design - 2023



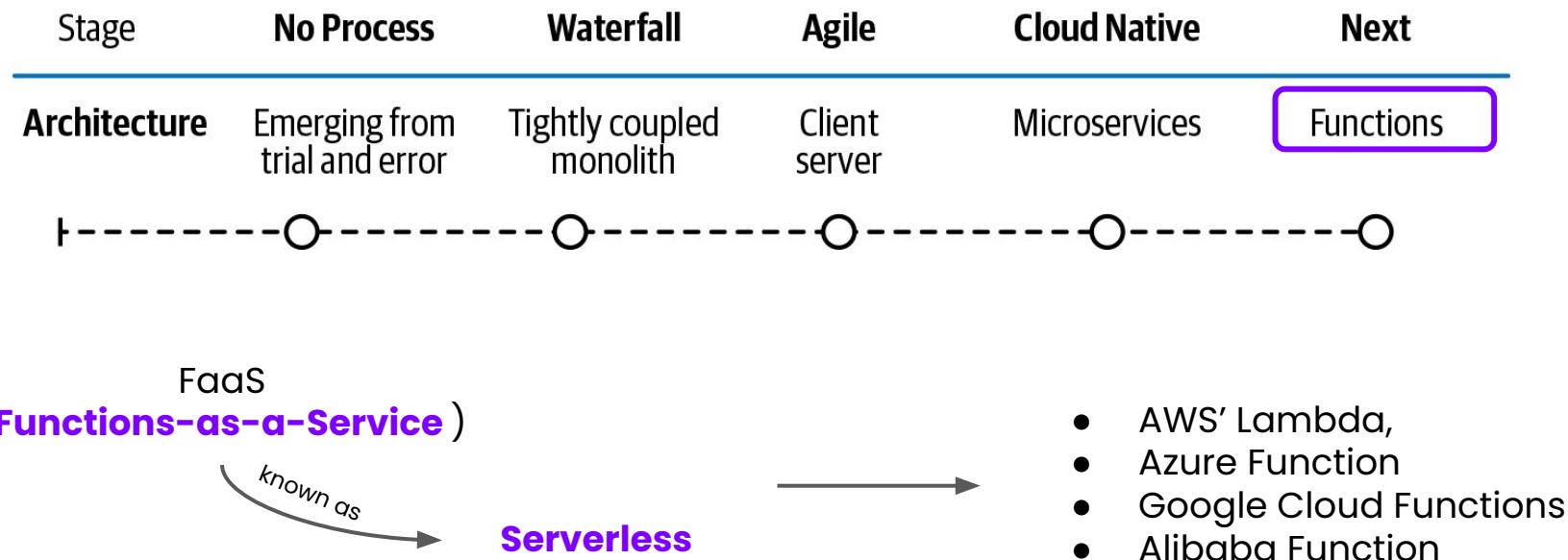
# Team & Process - 2023

Stage	No Process	Waterfall	Agile	Cloud Native	Next
<b>Team</b>	No organization, single contributor	Hierarchy	Cross-functional teams	DevOps/SRE	Internal supply chains
<b>Process</b>	Random	Waterfall	Agile (Scrum/Kanban)	Design Thinking + Agile + Lean	Distributed, self-organized

Micro Enterprise

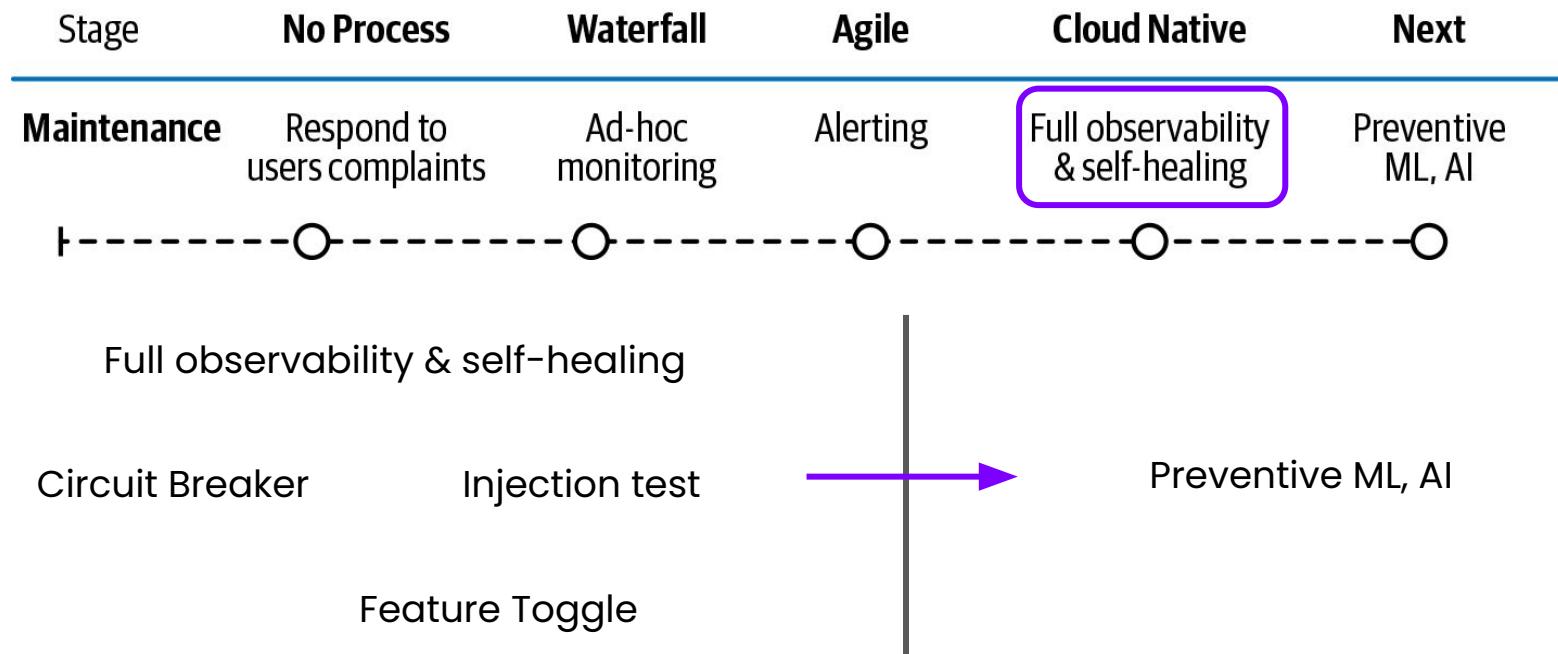


# Function - 2023

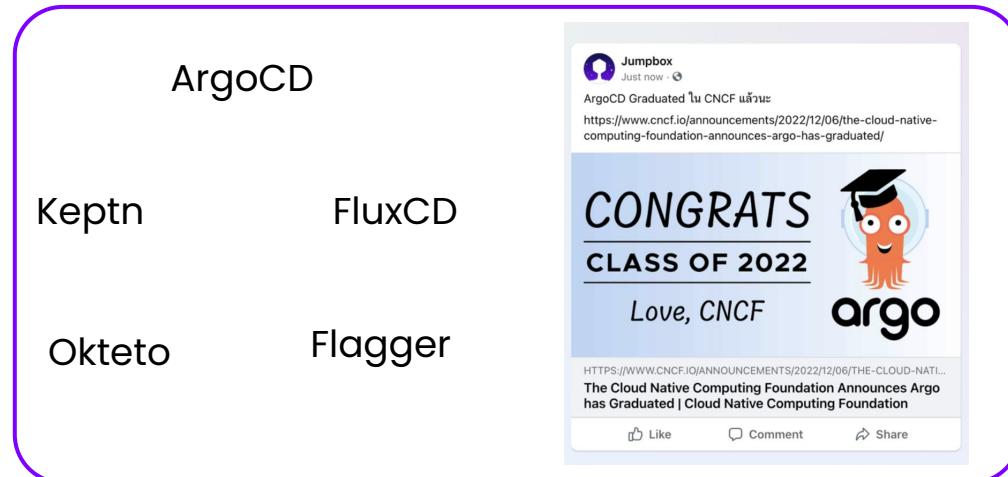
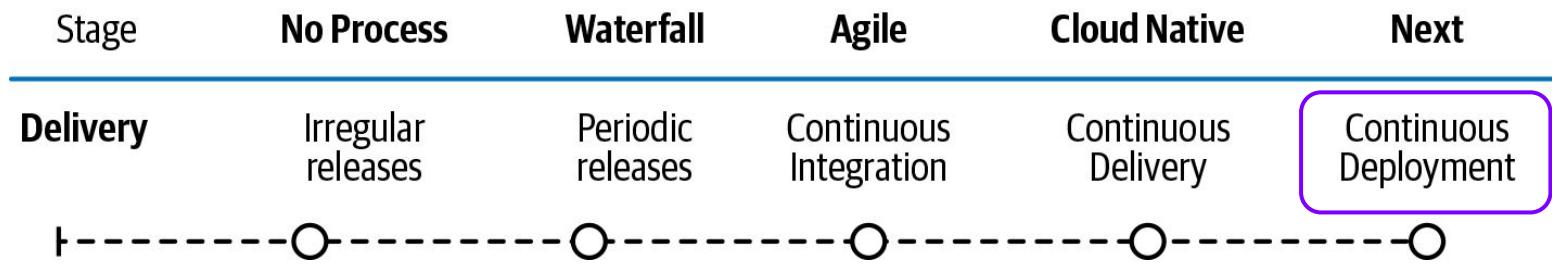


# Maintenance - 2023

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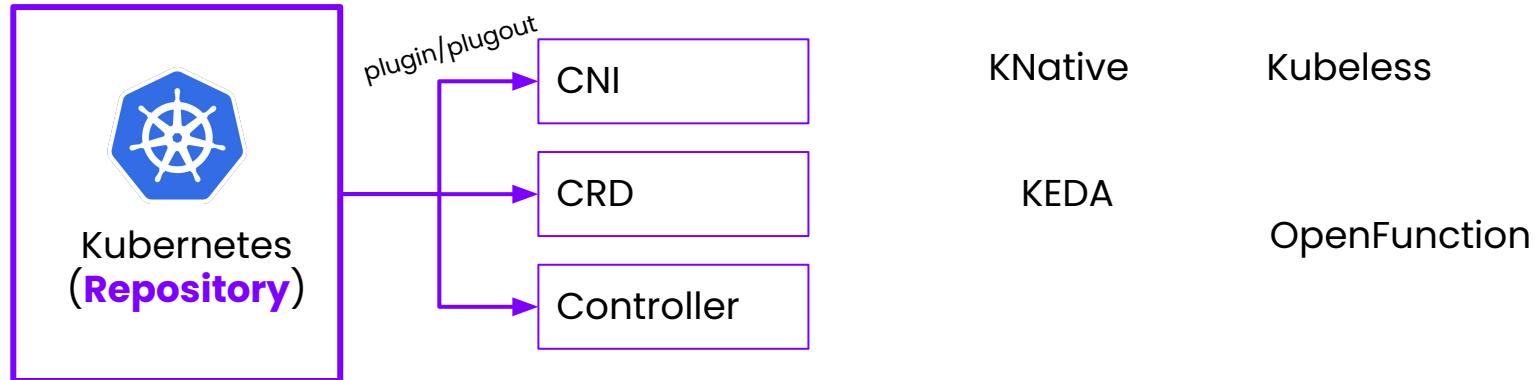
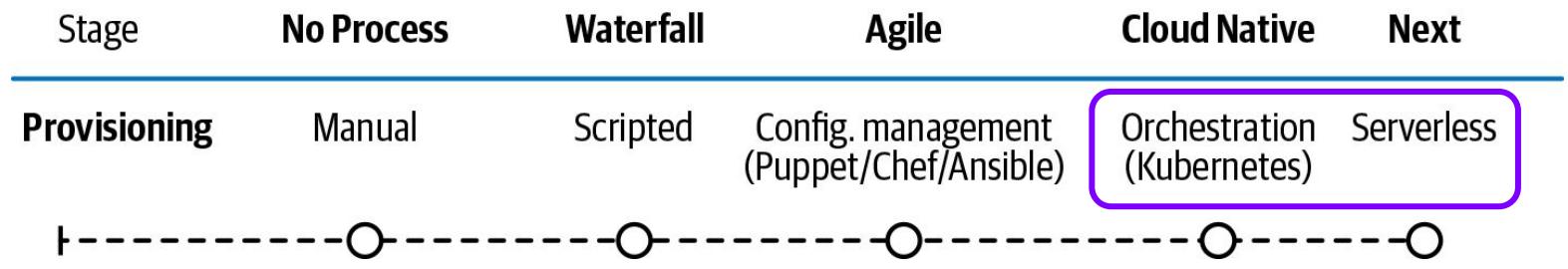


# Delivery - 2023



Continuous Deployment

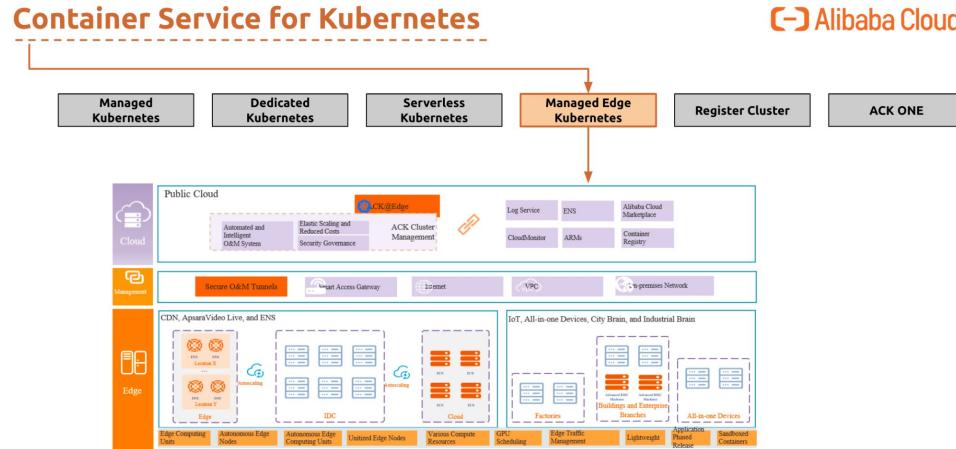
# Provisioning – 2023

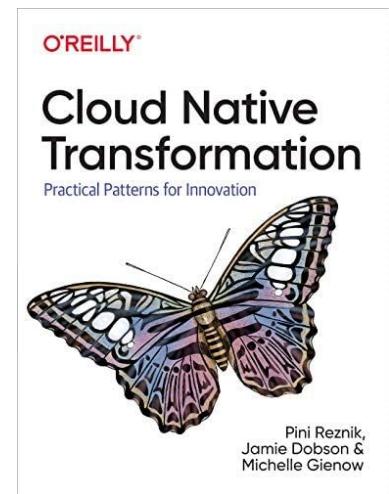
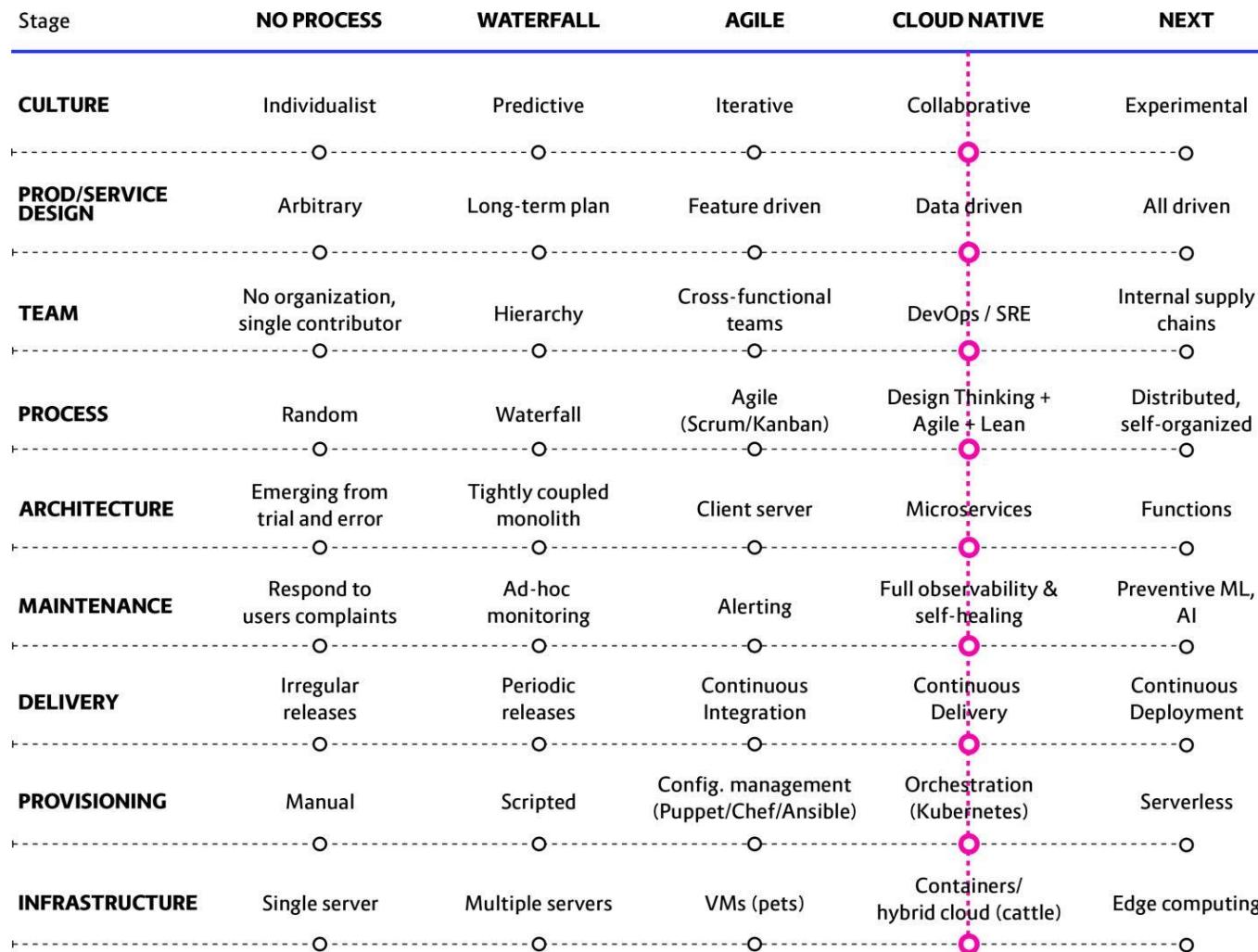


# Infrastructure – 2023

Stage	No Process	Waterfall	Agile	Cloud Native	Next
<b>Infrastructure</b>	Single server	Multiple servers	VMs (pets)	Containers/ hybrid cloud (cattle)	Edge computing

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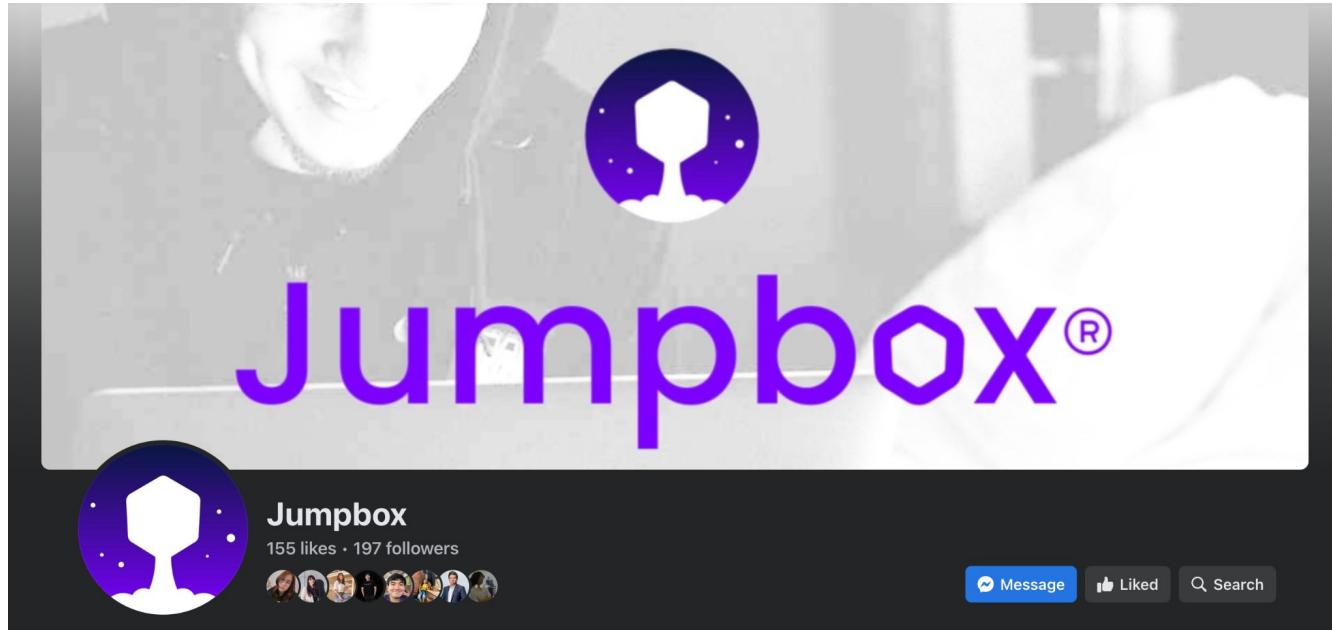


# Q & A



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# Contact Us



**Jumpbox**



**@jumpbox**



**admin@jumpbox.co**



**063-245-2168 (JoJo)**

**062-796-1559 (Beau)**



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