HEROKU
from Salesforce

The Twelve Factor App, Rebooted

Essentials for Cloud Native Development

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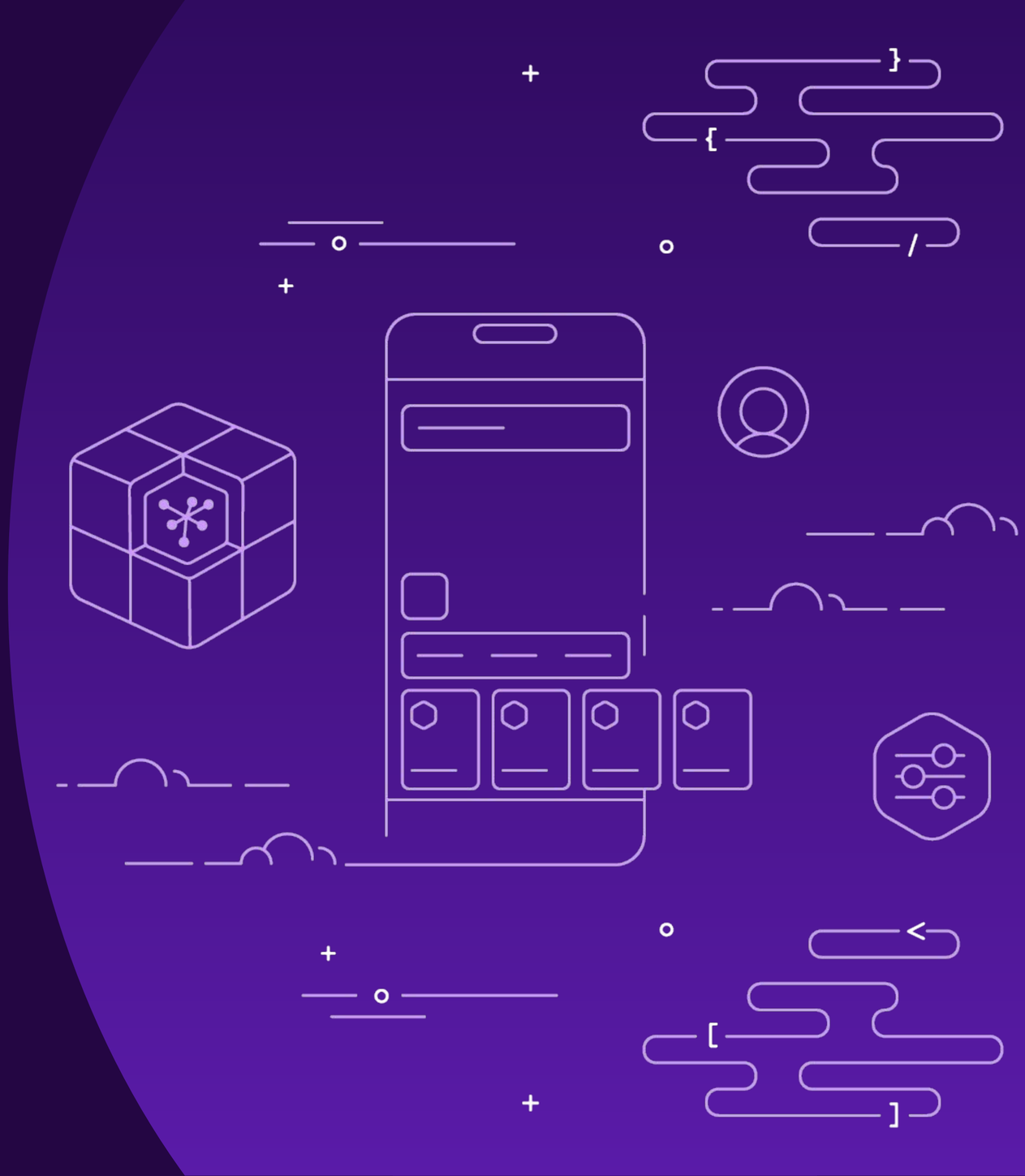

The Twelve-Factor App

12factor.net

HEROKU
from Salesforce

CODEBASE

DEPENDENCIES

CONCURRENCY

DISPOSABILITY

CONFIG

DEV & PROD PARITY

BACKING SERVICES

LOGS

BUILD RELEASE RUN

ADMIN PROCESSES

PROCESSES

PORT BINDING

Why Was it Great?

HEROKU
from Salesforce

The Essence of the Twelve-Factor App

HEROKU
from Salesforce

HEROKU
from Salesforce

> We are excited to announce Twelve-Factor is now an open source project.

– Heroku

Twelve-Factor Community

Thank you for the early work

HEROKU from Salesforce

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Heroku

Brian Hammons
AWS

Terence Lee
Heroku

Gail Frederick
Heroku

James Ward
AWS

Yehuda Katz
Heroku

Steren Giannini
Google Cloud

Grace Jansen
IBM

Brett Weaver
Intuit

Evan Anderson
Independent

Joe Kutner
Salesforce

You

Why Now?

HEROKU from Salesforce

- Technology has evolved (microservices, orchestration)
- Software is at an inflection point due to the rise of GenAI
- Essentially: the yak is furrier than ever

What Changes are We Planning?

HEROKU from Salesforce

- Distill the principles
- Modernize the examples
- Drive changes across development communities

Three Important Updates for Cloud-Native

HEROKU from Salesforce

- Telemetry best practices
- Workload identity and connections to backing services
- Handling multiple twelve-factor applications

Discord

The Twelve-Factor App

github.com/twelve-factor