
AWS
re:Invent
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PRT051

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Next-generation databases for next-generation workloads

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InfluxData

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It’s about time:
Next-gen databases for next-gen workloads





Balaji Palani

VP of Product Marketing
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Balaji Palani is passionate about building powerful cloud products that help developers achieve the fastest time to awesome. Prior to InfluxData, Balaji has held several Product Management and Engineering positions at companies like BMC, HP, and Mercury. Balaji holds an MS degree in Computer Science from West Virginia University and a BS in Electrical Engineering from Annamalai University.

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InfluxDB is where developers build IoT, real-time analytics and cloud applications

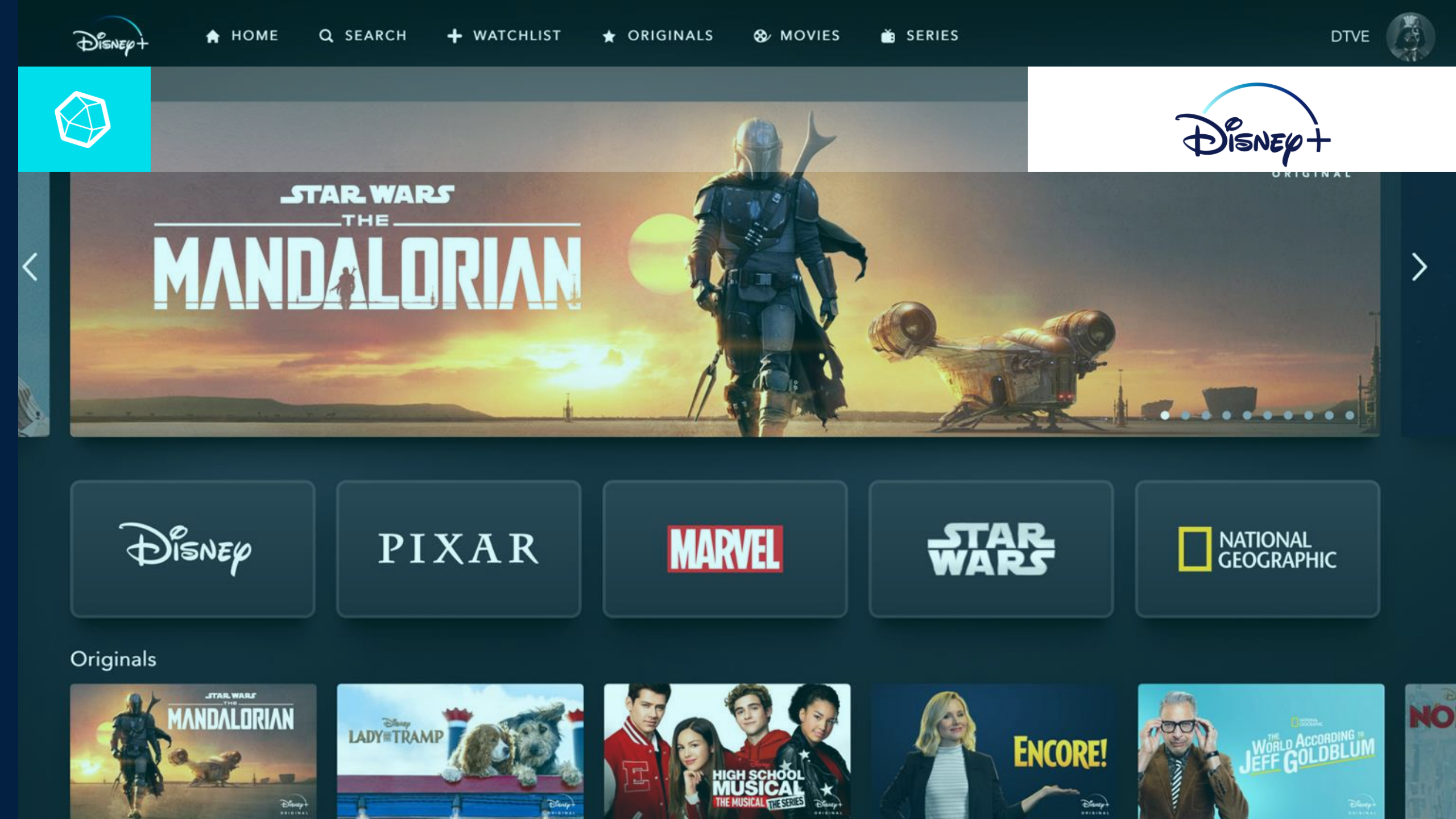
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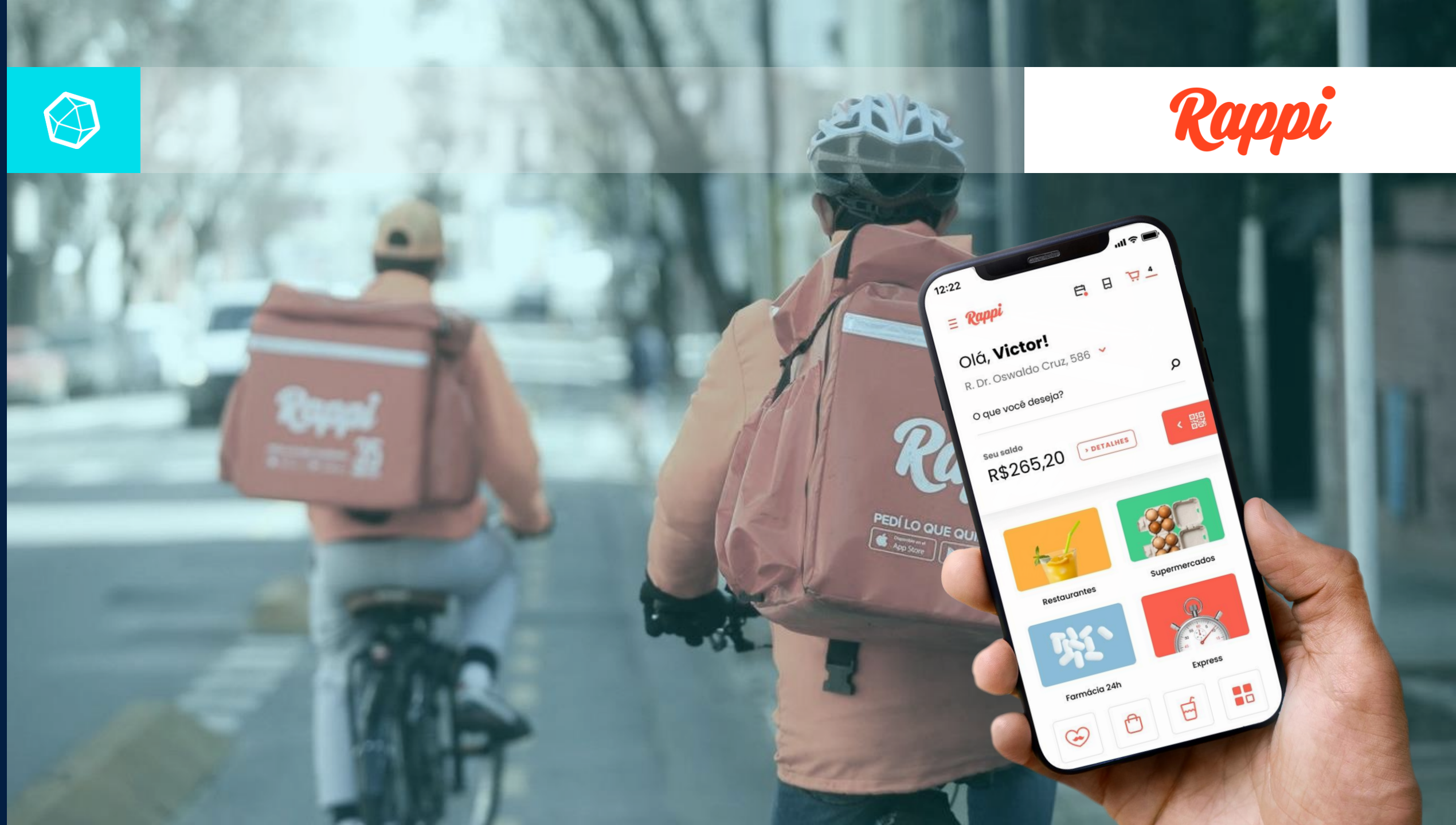
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You have probably used InfluxDB


TESLA


nest
66
IN 20 MIN
68
10:00
Thermostat
Entryway
Cooling
75
under 10 min to
Indoor
78
Humidity
45%


Disney+
HOME
SEARCH
WATCHLIST
ORIGINALS
MOVIES
SERIES
DTVE
STAR WARS
THE
MANDALORIAN
Disney+
ORIGINAL
Disney
PIXAR
MARVEL
STAR WARS
NATIONAL GEOGRAPHIC
Originals
STAR WARS
THE
MANDALORIAN
Disney
LADY AND THE TRAMP
HIGH SCHOOL MUSICAL
THE MUSICAL
THE SERIES
ENCORE!
THE WORLD ACCORDING TO JEFF GOLDBLUM


Rappi
12:22
Olá, Victor!
R. Dr. Oswaldo Cruz, 586
O que você deseja?
Seu saldo
R$265,20
› DETALHES
Restaurantes
Supermercados
Farmácia 24h
Express

Time-series data



Based on time

Hours, minutes, seconds & nanoseconds

from sources

Sources, networks, infrastructure & applications

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Building applications in two worlds



Physical **Virtual**

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Macro trends



- [x] Massive growth of connected devices
- [x] Cloud applications expanding horizontally & globally
- [x] Applications need real-time context in order to take action

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Rise of time series as a category

RELATIONAL

- Orders
- Customers
- Records

PostgreSQL

DOCUMENT

- High throughput
- Large document

MongoDB.

SEARCH

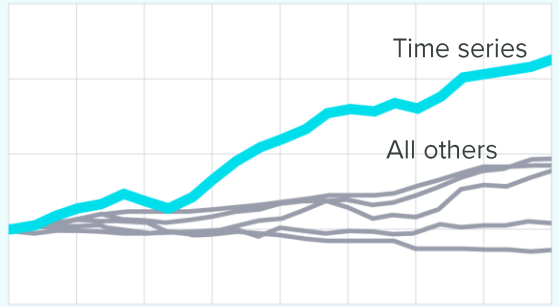
- Distributed search
- Logs
- Geo

elastic

TIME SERIES

- Events, metrics, time stamped
- for IoT, analytics, cloud native

Time series is fastest growing data category by far

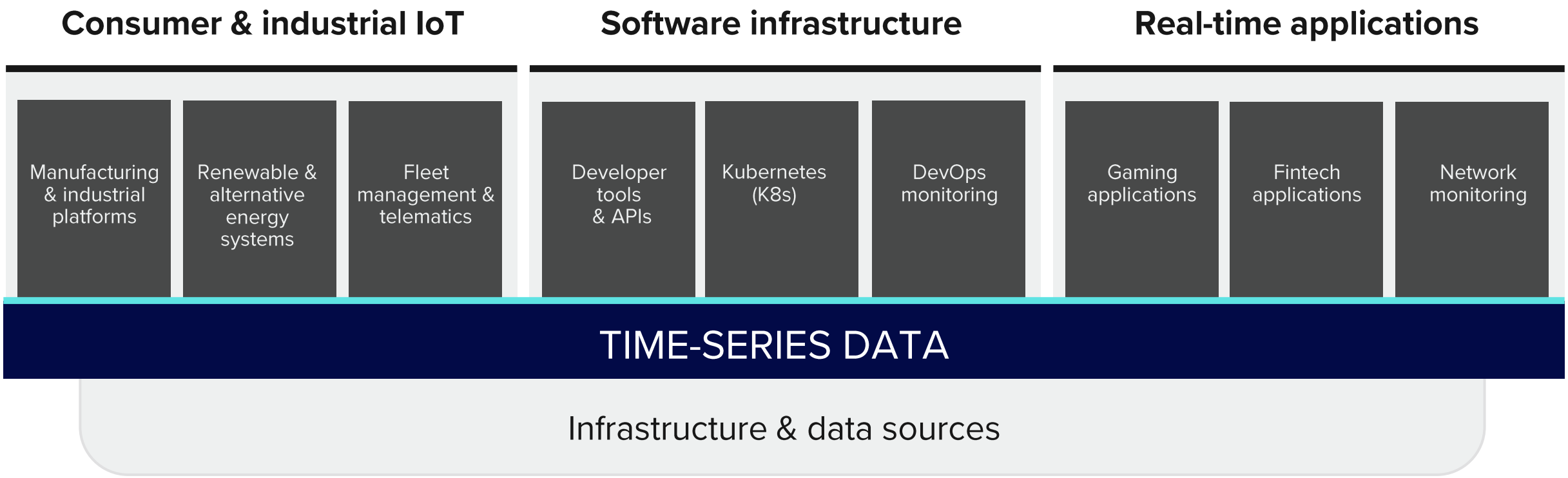


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source: DB Engines

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Time series in every application



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Mission-critical use cases

Consumer IoT

InfluxDB to collect & store the sensor data for consumer offerings

Industrial IoT

InfluxDB as data historian in manufacturing for internal or OEM

Renewable energy

InfluxDB as data store to create, store, or conserve hydro, solar, and wind energy

Crypto

InfluxDB as a data store for collecting market data for trades

Fintech

InfluxDB for metrics that ensure fintech apps are HA and performant

Gaming & entertainment

InfluxDB to monitor network and infra for optimal in-game experience

Network telemetry

InfluxDB to monitor customer-facing mission-critical network performance

Cloud services

InfluxDB as the data store for SaaS observability metrics

Dev tools & APIs

InfluxDB to track developer productivity in tooling & advanced API management

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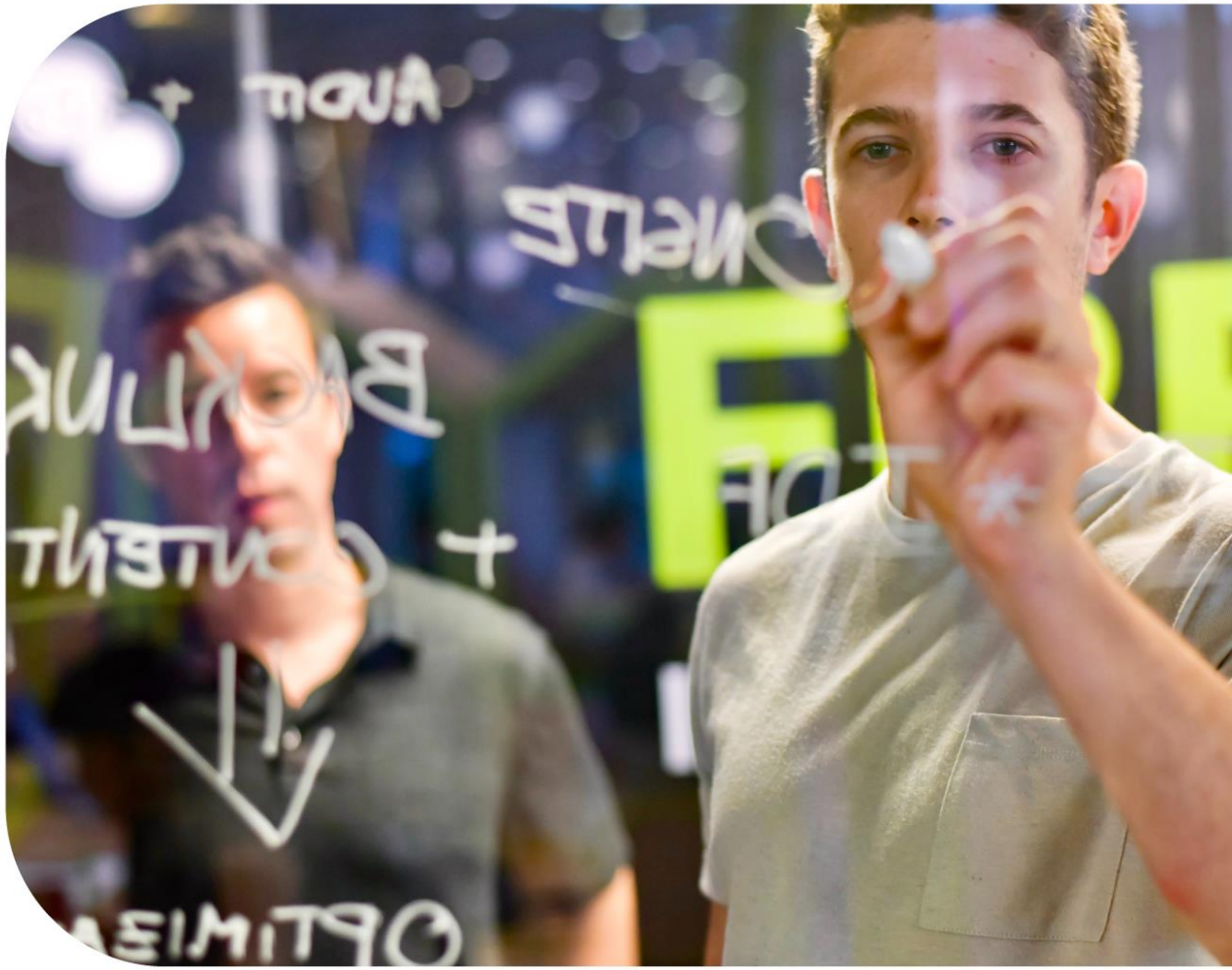
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For developers to build & scale

Enable developers to

Build & integrate applications with time as foundational component

Scale massive data workloads at high volume & distributed globally



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InfluxDB is 3 things

1

POWERFUL

API & toolset

for real-time apps

2

HIGH PERFORMANCE

Time-series engine

for real-time data workloads

3

MASSIVE

Community & ecosystem

of cloud & open-source developers

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Community & ecosystem

Meet developers where they already build and operate

Cloud



and more

Language & tools















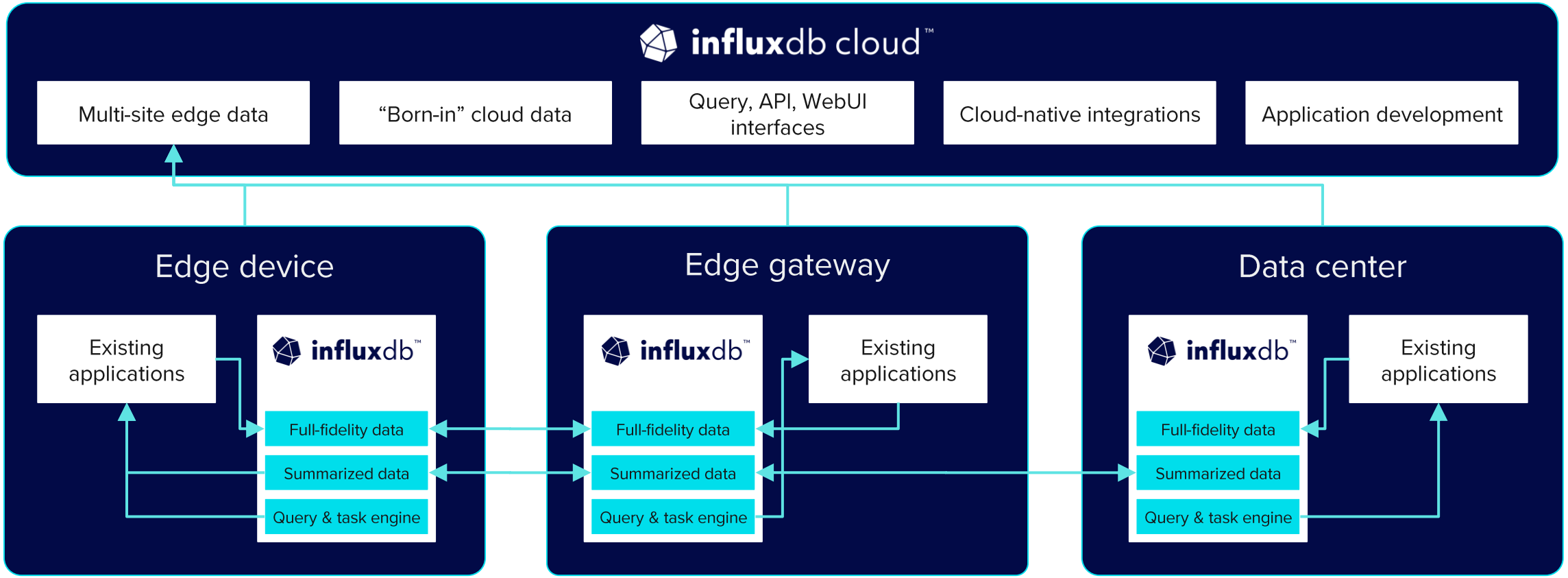




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Hybrid TSDB with InfluxDB



Transparent, reliable, scalable time-series data collection, transformation, enrichment, orchestration, and analytics

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Getting started

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Influxdata.com

Get InfluxDB

Via cloud marketplaces



Learn

- [x] Self-service content
- [x] Documentation
- [x] InfluxDB University

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Stop by and say hi

Chat with the InfluxData team and pick up some cool swag

- Booth in data & analytics area
- Kiosk at AWS Marketplace Pavilion



www.influxdata.com

Thank you!

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Balaji@influxdata.com



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