

THE DEVELOPER'S CONFERENCE

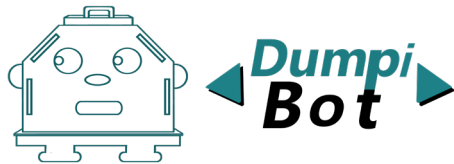
Trilha – ChatBots

Leonardo Matayoshi

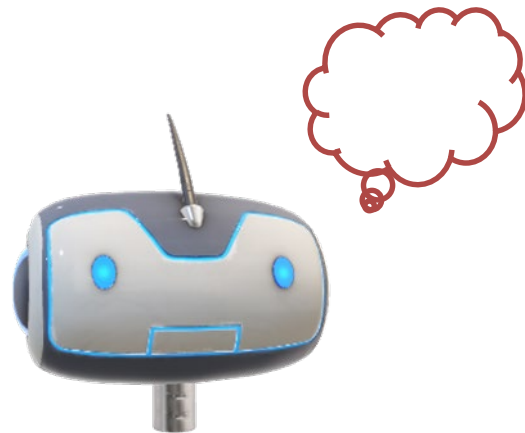
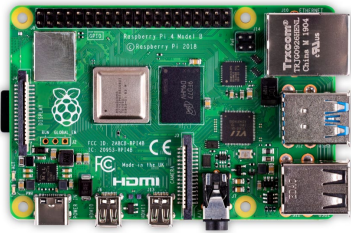
Fundador da LYMTEC – Dumpi Bot



Apresentação



Dumpi Bot conectado na nuvem com MQTT controlado por Chatbot



Agenda



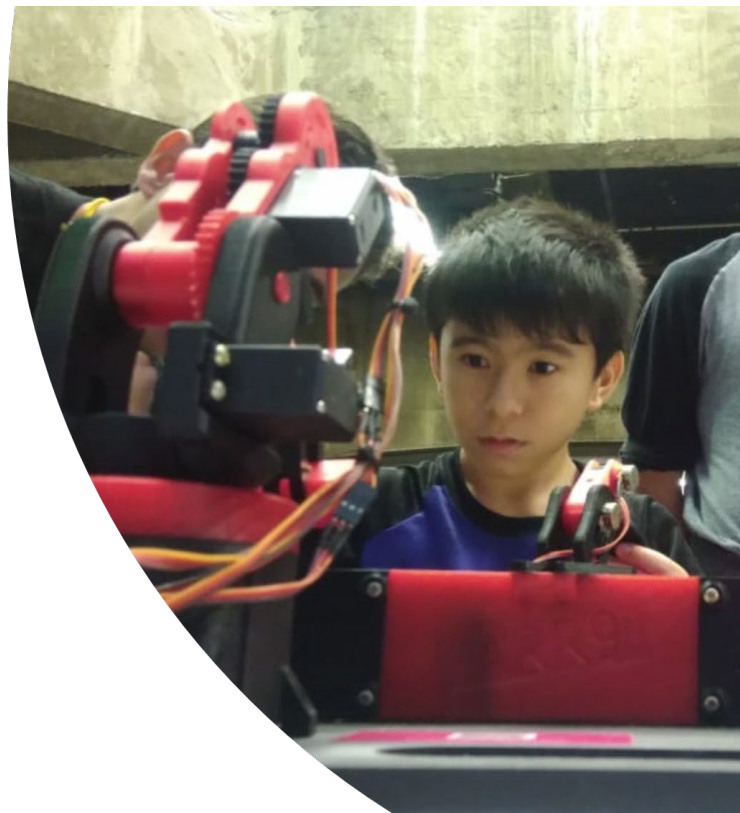
- Apresentação
 - LYMTEC e Dumpi Bot
- Conceitos de IoT
 - Sensores, atuadores e Cloud
- Apresentação do Projeto
 - ChatBots
- Demonstração dos Produtos
 - Comandando o Dumpi



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DUMPI BOT UNIQUE EXPERIENCE

A “**Experiência Única**”
de construir algo de
forma colaborativa,
divertida e educativa.



Dumpi bot



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➤ Dumpi

➤ Robô para crianças e jovens

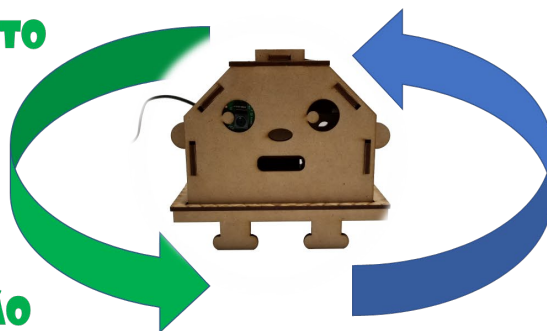
MONTA ROBÔ

PLANEJAMENTO

CRIATIVIDADE

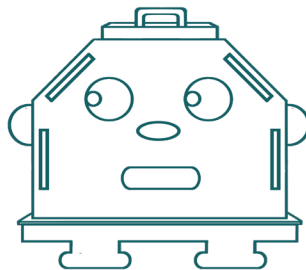
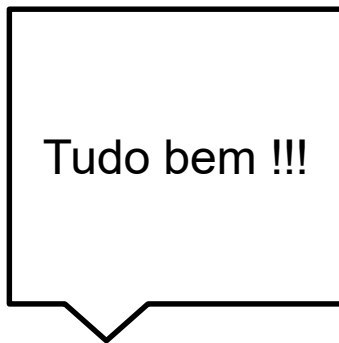
PRODUÇÃO

COMUNICAÇÃO



ChatBot

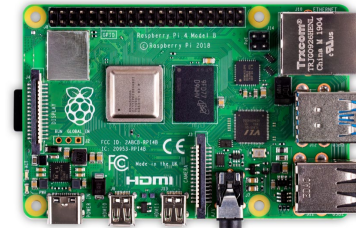
➤ Interface



Dumpi
Bot

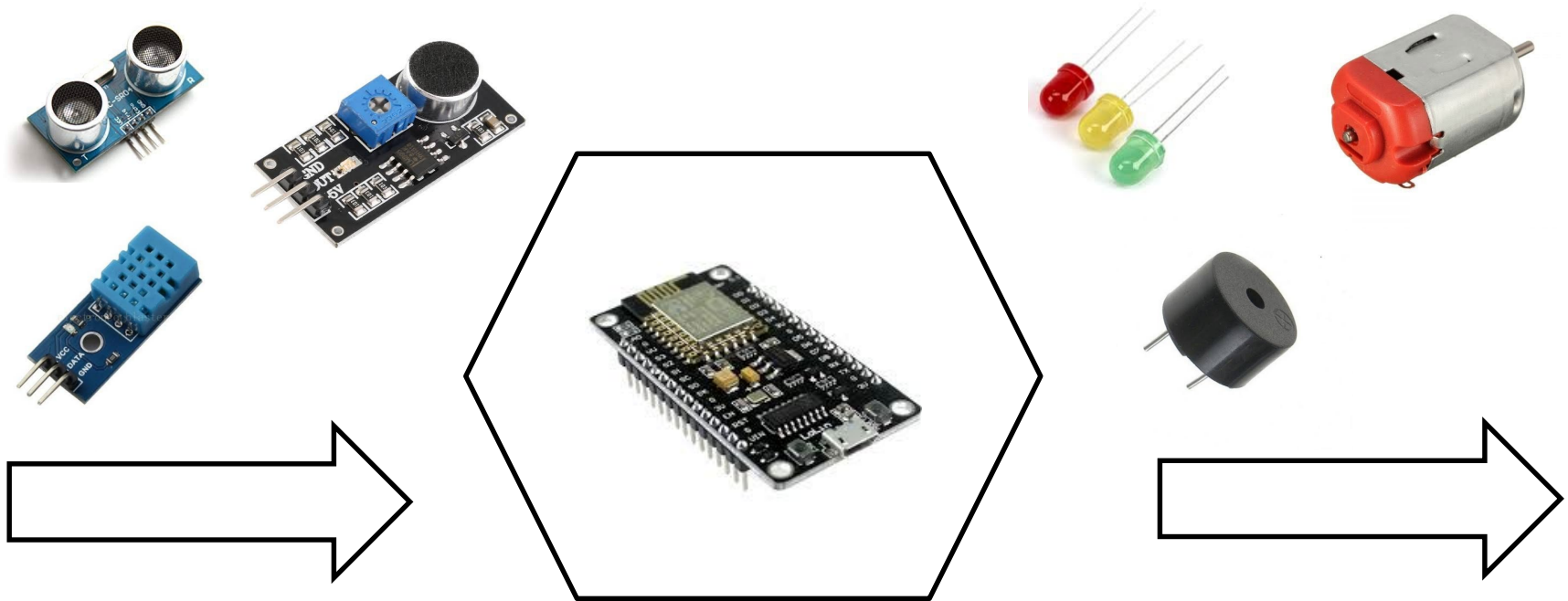
Conceitos de IoT

- Internet das coisas
 - Sensores
 - Atuadores
 - Nodemcu – ESP8266
 - Raspberry Pi
 - Nuvem – Cloud Services
 - <https://www.tinkercad.com/>



Conceitos de IoT

➤ Os componentes



Dumpi



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```
void loop () {  
    -> Verifica Wifi  
    -> Envia Dados para o Java(GET)  
    -> Envia Dados para o WIP (POST)  
    -> Recebe comando do Java (GET)  
    -> Espera 1s  
}
```

Projetos ChatBot



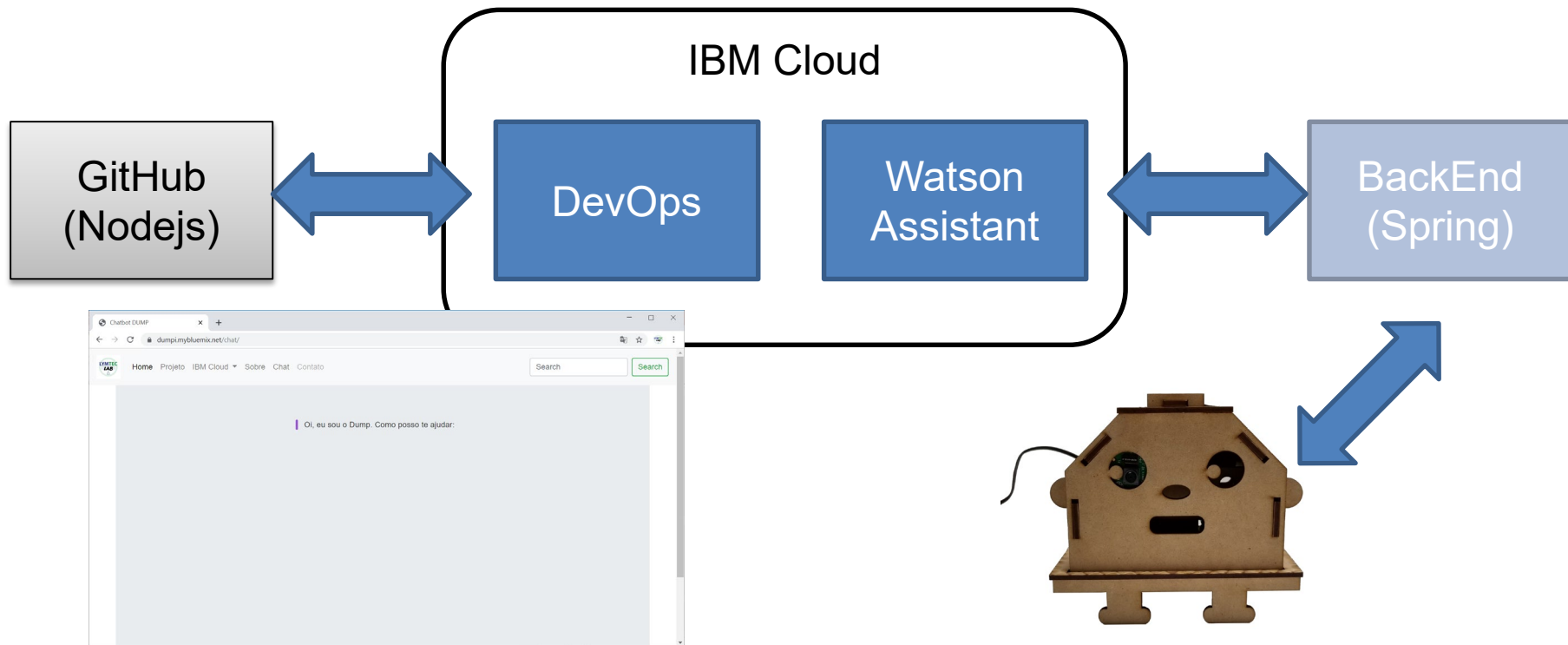
➤ ChatBots

- O que é
- Para que serve
- Onde é usado
- Como usar

Topologia



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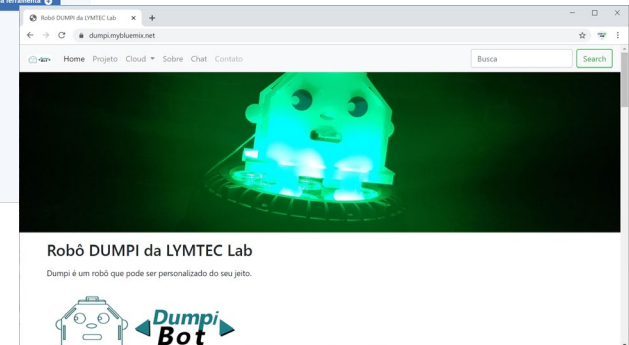
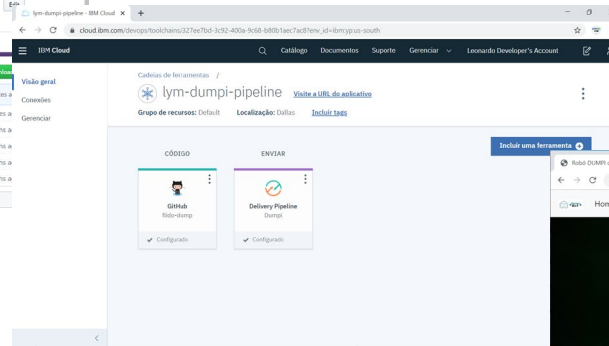
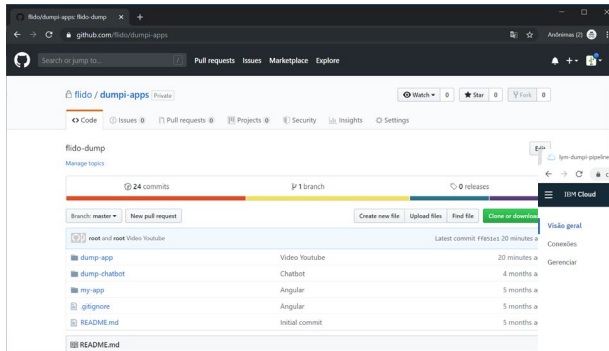
ChatBot

➤ Funcionamento



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GitHub
IBM DevOps
Portal Nodejs



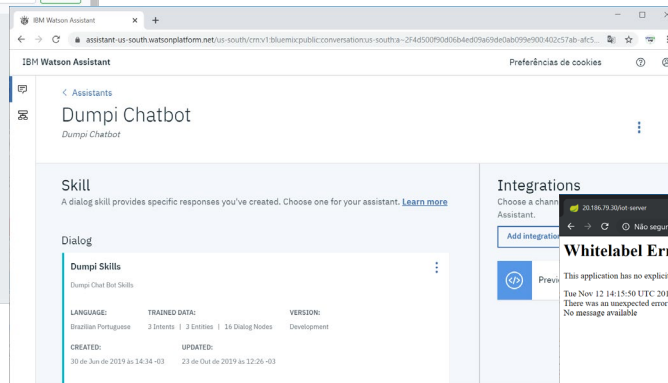
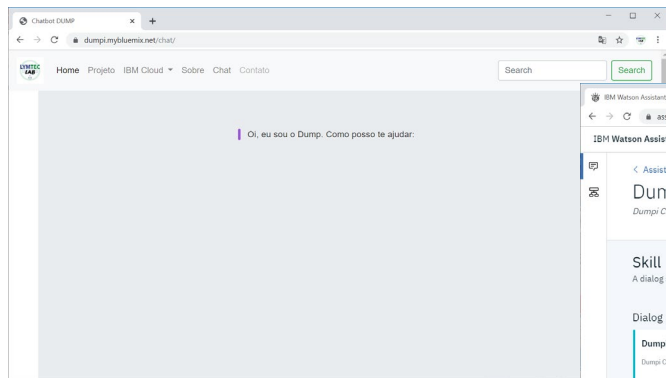
ChatBot

➤ Funcionamento



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ChatBot
Watson Assistant
BackEnd Java



Integrations

Choose a channel to integrate with your Assistant.

Add integration

WhatsApp

Previews

Whitelabel Error Page

This application has no explicit mapping for /error, so you are seeing this as a fallback.
Tue Nov 12 14:15:50 UTC 2019
There was an unexpected error (type=Not Found, status=404).
No message available

Plataforma Java

➤ Back End

➤ Java – Spring cloud

➤ Eureka

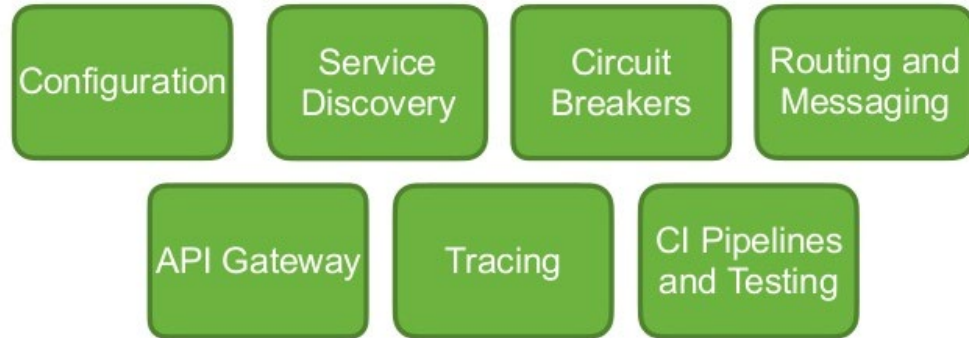
➤ Zuul

➤ Spring boot Application

➤ Elasticsearch + Kibana



Spring Cloud Components



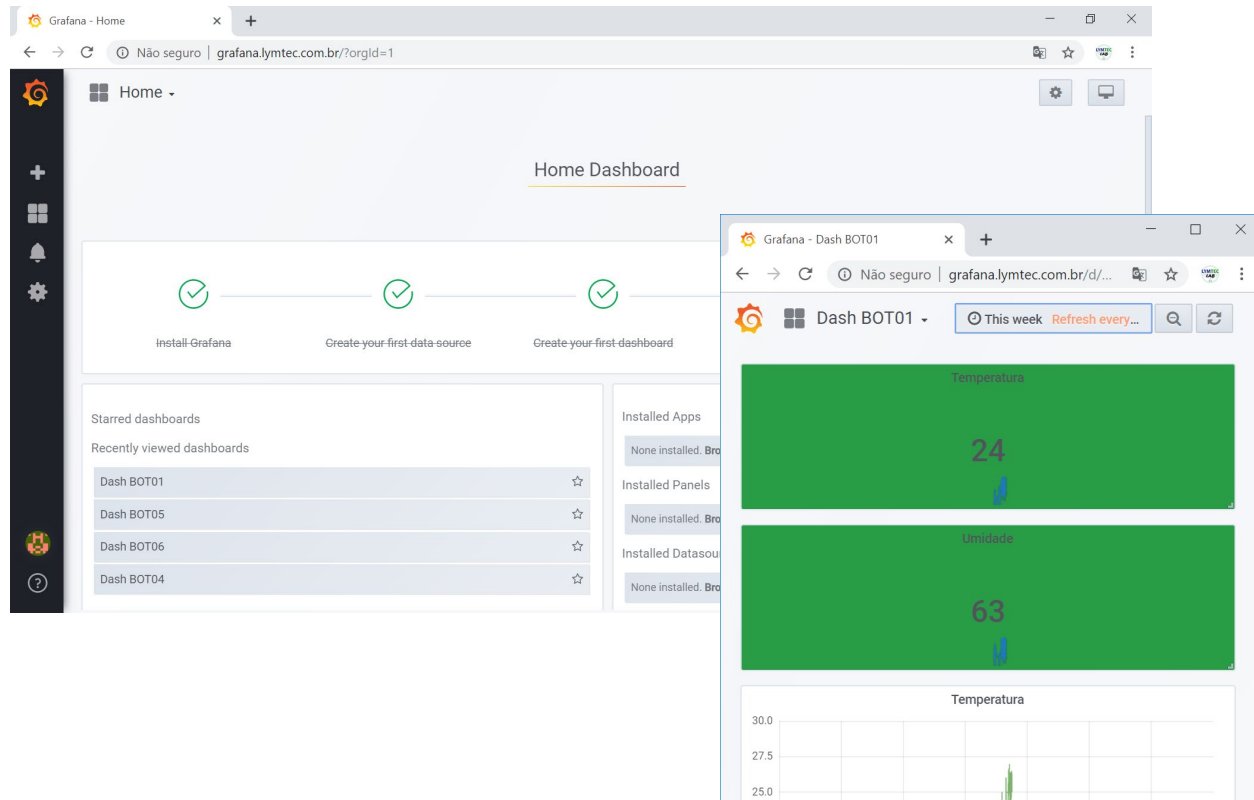
Visualização da Dados



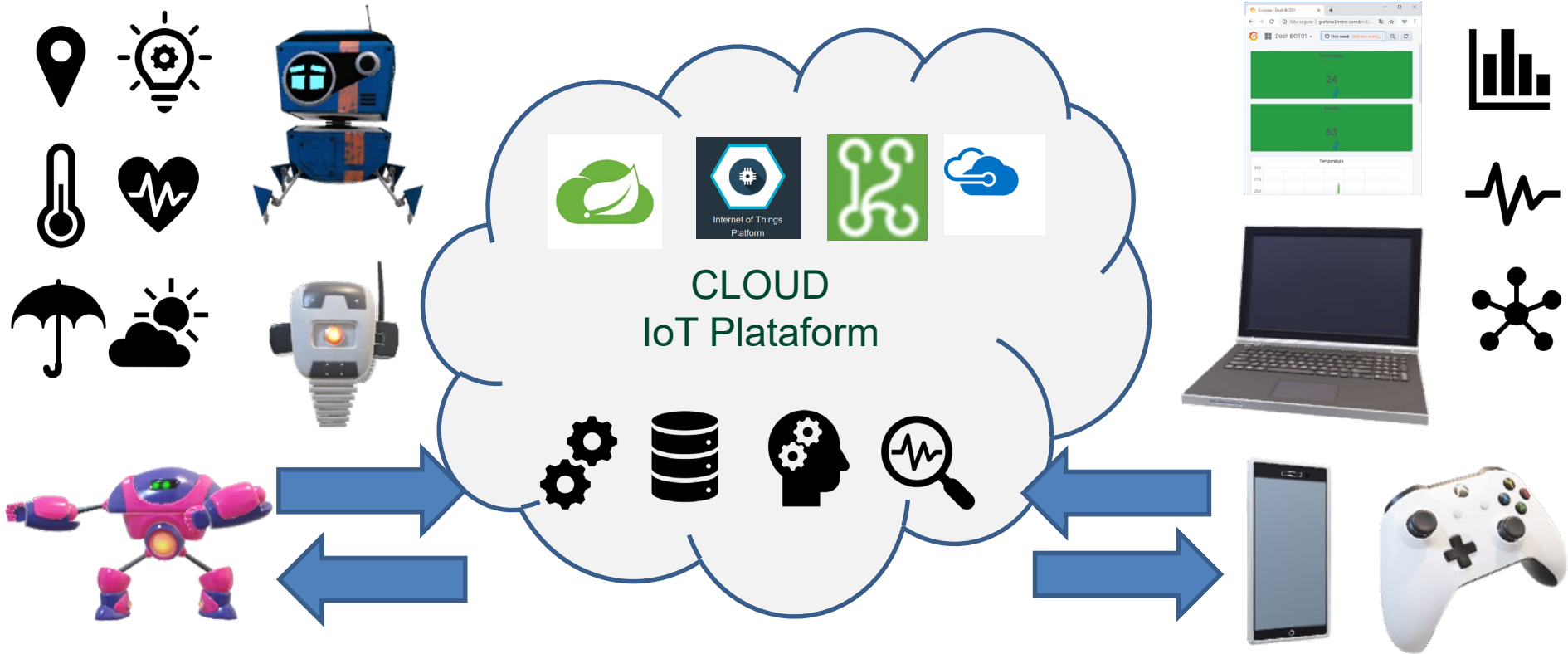
➤ Dashboards

➤ Kibana

➤ Grafana



Demo Topologia



Demo



- Funcionamento dos protótipos
 - Dumpi ChatBot

<https://www.youtube.com/watch?v=QjbwaQhXinc>

<https://www.youtube.com/watch?v=N1zmpSZ6wRw>

Referências



- <https://www.hivemq.com/company/>
- <https://nodered.org/>

Leonardo Matayoshi



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- Fundador da LYMTEC - Dumpi Bot
- Engenheiro Eletricista - Formação
- Sysadmin – Cultura DevOps
- Empreendedor - Startup
- Maker – Projetos com robótica e IoT para educação



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MINHA JORNADA

TRAJETÓRIA PROFISSIONAL



UNIBANCO



NETSHOES

2001

2006

2011

2016

2019



T&M Consultoria em informática



LYM tecnologia

LYMTEC LAB

- Minha carreira corporativa

EMPREENDEDOR



LYM tecnologia



Consultoria



Startup



2014

2015

2016

2017

2018

2019

Ideias de Startup

PettoNetto

PUPIT



BR#ATOM



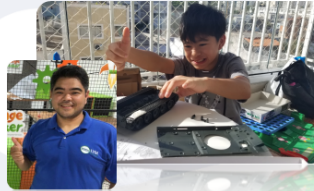
Dumpi Bot

- Experiências, aprendizados, sucessos e fracassos

Dúvidas

- Comentários
- Sugestões

Leonardo Matayoshi

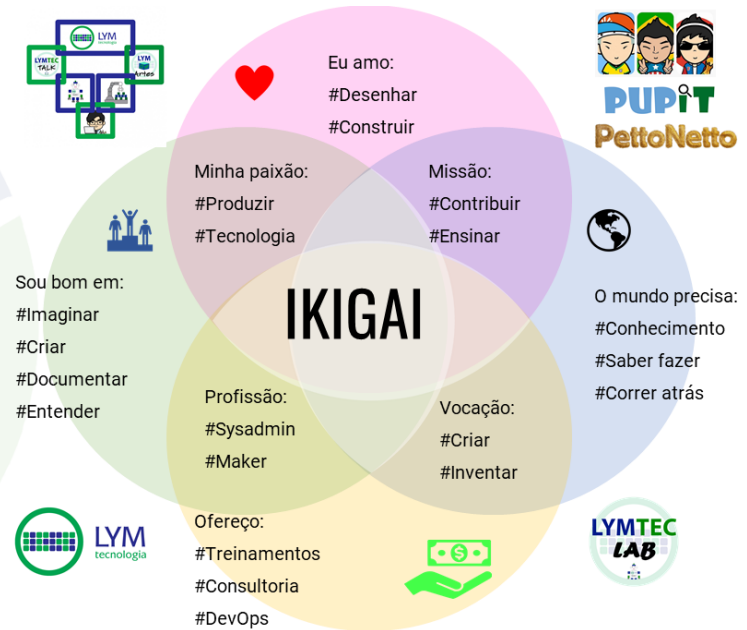


Você em poucas palavras

Engenheiro
Sysadmin
Maker
Empreendedor
Sonhador

www.lymtec.com.br

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Obrigado



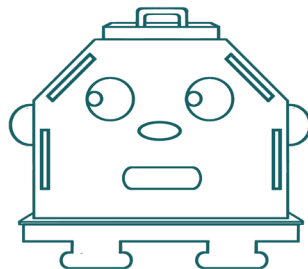
➤ Contatos

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- Linkedin: <https://www.linkedin.com/in/leoym/>
- @lymtec

<http://www.thedevelopersconference.com.br/palestrante/leonardo-matayoshi>



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◀ *Dumpi* ▶
Bot



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