

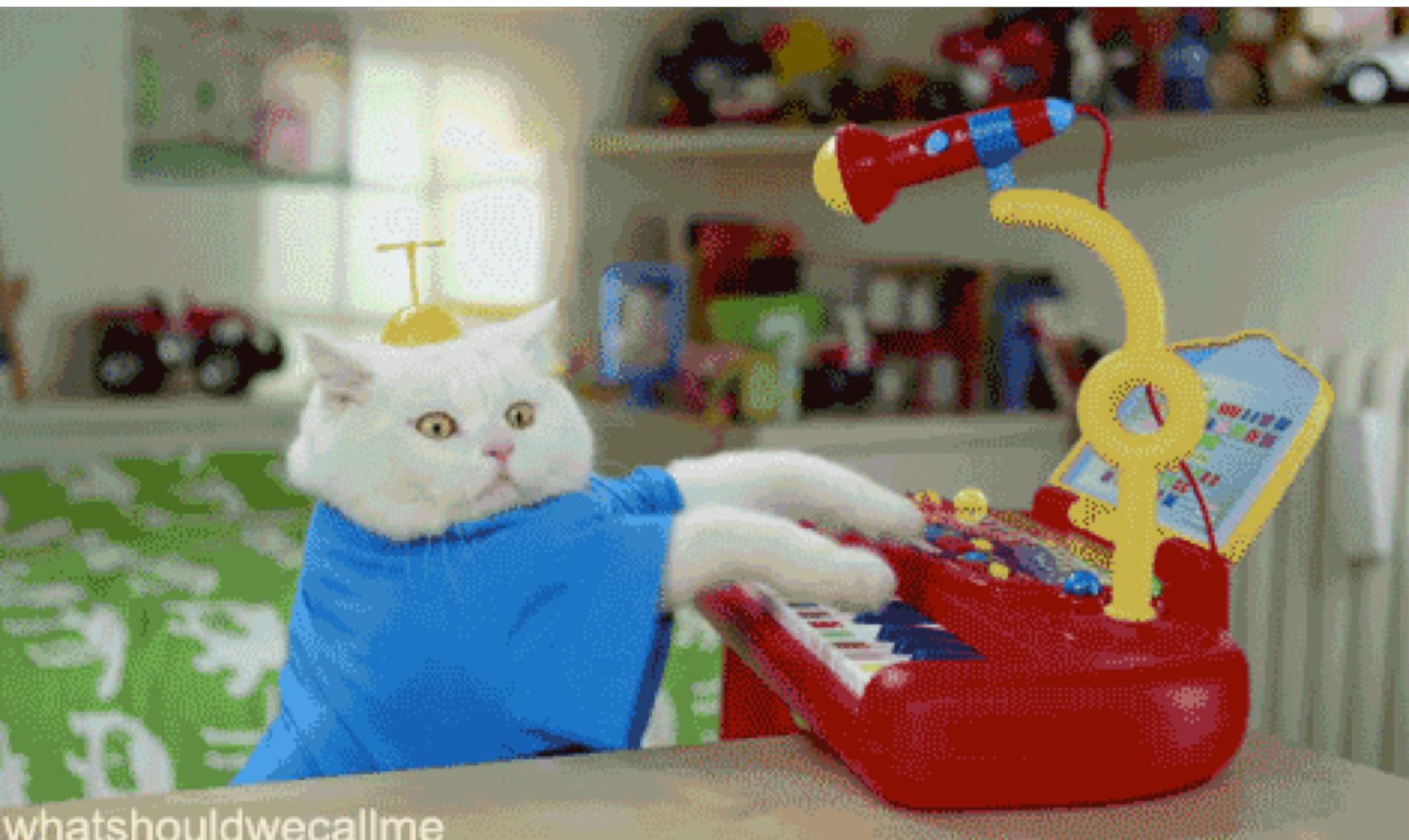
Webtask.io

Hey! I'm Kas

- Developer Evangelist at Auth0
- Webtask.io aficionado
- Also pretty good at Auth (OAuth, OIDC, etc.)

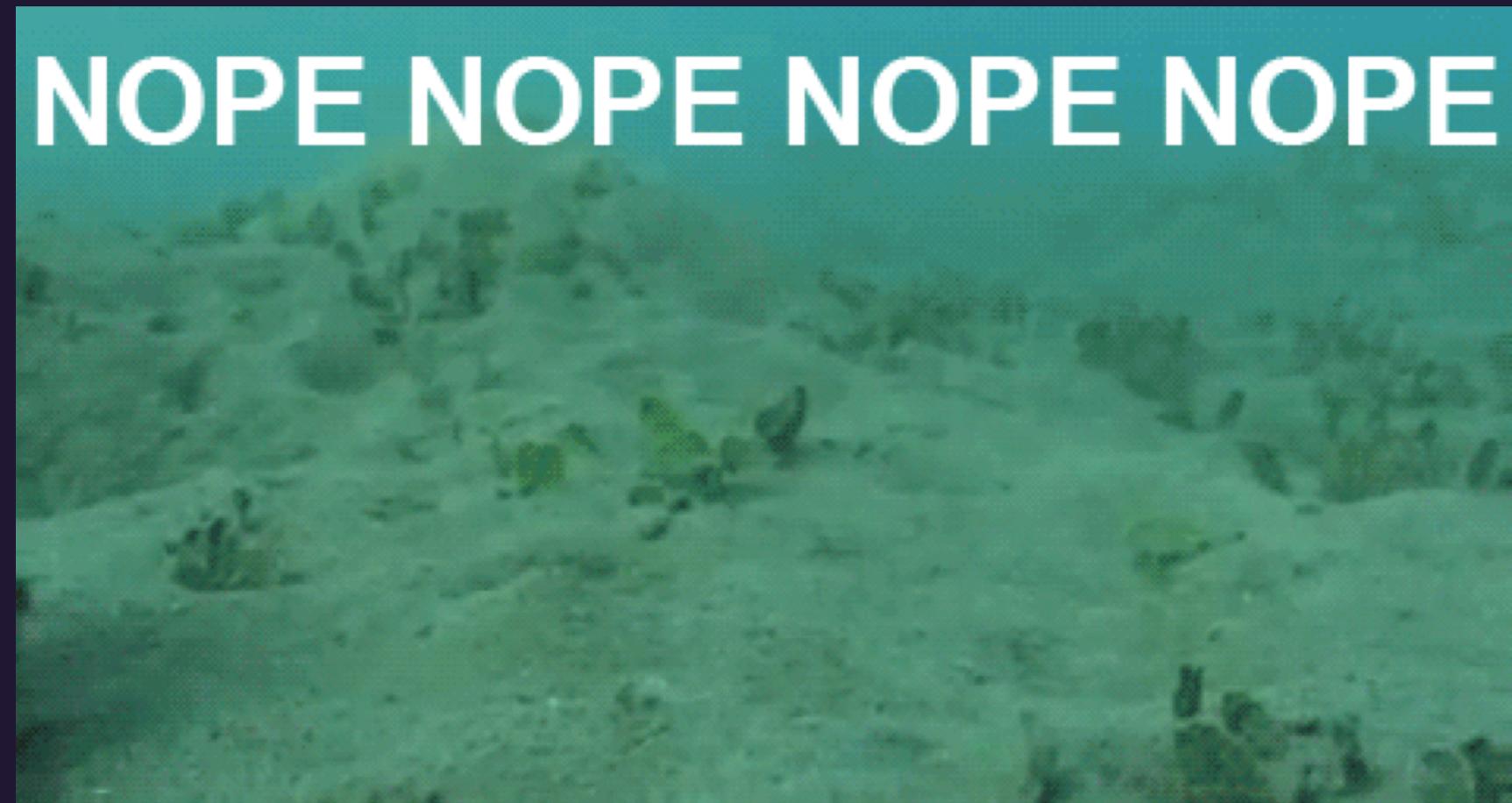


I'm also a hardware hacker



- Some people actually just call me 'nodebotanist'
- In-Progress EE degree
- Tessel open-source committee member
- I wrote a book on JS Robotics

No one wants to
spin up a new web
server to handle
webhooks on a time
crunch.



That's where we come in

```
var Particle = require('particle-api-js')
var particle = new Particle()
module.exports = function(context, req, res) {
  var particleToken = context.secrets.PARTICLE_ACCESS_TOKEN
  var deviceId = context.secrets.PARTICLE_DEVICE_ID

  var color = context.query.Body || context.query.color || '#000000'

  //...color conversion...

  particle.callFunction({ deviceId, name: 'pixels', argument: color, auth: particleToken })
    .then(
      (data) => {
        res.writeHead(200, { 'Content-Type': 'text/html' });
        res.end('Success');
      }
    )
}
```

Install the cli and deploy your code, and voila! A webhook URL

```
> npm i -g wt-cli  
  
> wt create --name SeattleDemo  
    --secret PARTICLE_ACCESS_TOKEN=AUTH_TOKEN  
    --secret PARTICLE_DEVICE_ID=DEVICE_ID  
    webtask.js
```

(Also, did I mention we have a free plan?)

(Text (512) 831-7291
with a color (#663399 or
orange, for example))

Stop by if you need assistance with:

- Webtask.io (of course)
- Auth0
- Hardware debugging (I brought half a lab with me!)
- You can even book a time slot at <http://nodebotani.st/seattle-iot-hackathon/>

Best use of Webtask: this
team wins Johnny-Five
Inventor's kits and copies
of "Learning Javascript
Robotics"¹"

¹Disclaimer: I wrote that book.

TL;DL

- I'm Kas
- Webtask.io is rad
- Ask me about that, hardware, or auth!
- <http://nodebotani.st/seattle-iot-hackathon/> for more info and resources

