a career

how and why

@postwait
Hi, I’m Theo
I’ve made a career in “this stuff”

@OmniTI
Career

what’s that?
A career is

a pursuit;

a willingness to mature;

patience to become exceptional
WANTED:

Expert: Java
Java Expert:

I learned that in school
had one class
I graduated last year
applying for: expert

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Java Expert:
I learned that in school
had one class
I graduated last year
applying for: expert

APPLICANT:
Bullshit

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To be truly excellent one must treat it as a craft. one must become a craftsman. through experience learn discipline. and through practice achieve excellence.
step #1
educate yourself.
step #2
be disciplined
step #3

learn from & share with your peers
step #4

be patient.
experience takes time
(and mistakes)
A Career in...
this stuff
This stuff is:

Web Operations
But, I do:

Web Development...
UI Development...
Usability...
Systems Engineering...
Bullshit
The Web
changed everything
The Cloud

only made us realize it
Specifically

SaaS

(your website is SaaS)
Your Product

users
systems
features
Your Product
One Copy
One Copy

must evolve
One Copy
must evolve
must compete
One Copy

must evolve
must compete
must perform
One Copy
must evolve
must compete
must perform
must deliver
Must Operate
What does it take?
DevOps
DevOps is bullshit
That’s not fair

(just like life)
DevOps is not wrong...
DevOps is incomplete, is interpreted wrong, and is too isolated
We need
*Ops
.*Ops
^(?<dept>\.+)+)Ops$
Everyone
in your organization
needs
Operational Mentality
Your Job
is to build systems that operate
Your Job
<table>
<thead>
<tr>
<th>Your Job</th>
<th>Javascript</th>
<th>PHP</th>
<th>Perl</th>
<th>MySQL</th>
<th>Java</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CSS</td>
<td></td>
<td></td>
<td></td>
<td>C/C++</td>
</tr>
<tr>
<td></td>
<td>Databases</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Erlang</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Browsers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Ops' Job

Your Job

Ops' Job

Javascript

HTML

MySQL

C/C++

Browsers

PHP

CSS

Java

Databases

Perl

Erlang

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Magic

operations pixie dust
doesn’t exist
Provisioning virtual systems has been fast, cheap and easy ever since systems became virtual.
Managing risk and liabilities is simple, fast and painless...
if you skip it
analogy time

: security :
security
is not a feature
security

is not a deliverable

in a project plan
security

is not “phase 2”
security
is a state of mind
it is a state of being
it is a mentality
operations

is no different
Now

back to your job
Your Job

Javascript
CSS
HTML
MySQL
Java
C/C++
Browsers

Databases
Erlang

Packaging
Provisioning
Monitoring

Resource Planning

Deployment

Production Troubleshooting

Root Cause Analysis
On call

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Generalist

- Javascript
- CSS
- HTML
- MySQL
- Java
- C/C++
- Erlang
- PHP
- Perl
- Browsers
- Databases
- Java
- C/C++
- User Job
- Ops' Job
- Deployment
- Provisioning
- Monitoring
- Resource Planning
- Production Troubleshooting
- Packaging
- Root Cause Analysis
- Oncall

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rule #1

what you build will break
you can
build
operational software
you must
think
operationally
start
by turning the tables
DevOps has been about putting more dev into ops
DevOps needs balance
put more ops into dev
Back

to your organization
CIO/CTO

is responsible for operations in a SaaS company
Titles
don’t matter

COO/CIO/CTO/CMIFRO
Someone

has to make things run

make them run better
That Someone

is...
You
this mentality

is the beginning of your
career in

web operations
this mentality

is the beginning of your career in anything