

a career

how and why

@postwait

+Theo Schlossnagle

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

APPLICANT:

Java Expert:

I learned that in school

had one class

I graduated last year

applying for: expert

APPLICANT:

Java Expert:

I learned that in school

and one class

I graduated last year

applying for: expert

HOORSEHIT

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

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step #3

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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...

This is a Lie

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 a lie

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

HTML MySQL C/C++ Browsers
Javascript
PHP CSS Java Databases
Perl Erlang

Your Job

HTML MySQL C/C++ Browsers
Javascript
PHP CSS Java Databases
Perl Erlang

Your Job

Ops' Job

HTML MySQL C/C++ Browsers
Javascript
PHP CSS Java Databases
Perl Erlang
Your Job

Ops' Job
Packaging
Provisioning
Monitoring
Deployment Resource Planning
Production Troubleshooting Root Cause Analysis Oncall

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

HTML MySQL C/C++ Browsers
Javascript
PHP CSS Java Databases
Perl Erlang
Your Job

Ops' Job
Packaging
Provisioning
Monitoring
Deployment Resource Planning
Production Troubleshooting Root Cause Analysis Oncall

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

Generalist

MySQL

HTML

C/C++

Browsers

Javascript

Java

Databases

PHP

CSS

Perl

Erlang

Packaging

Provisioning

Monitoring

Resource Planning

Deployment

Production Troubleshooting

Root Cause Analysis

Oncall

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

~~web operations~~

anything