

Thomas Mitchell

DevOps Engineer

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KakaoTalk: Thomasskis

Profile

Passionate about automation and the DevOps mentality. Focused on scaling infrastructure and the development environment of small companies doing big things. Enthusiastic about open-source project development.

Skills

- **Containers**

Building projects into automated container environments on top of tools such as mesos, kubernetes, and triton.

- **Development**

Integrating as a contributing member to a development scrum team, while maintaining Ops alert/uptime responsibilities.

- **Uptime**

Identifying and refactoring hardware/software weakpoints and scaling the critical pieces to provide high availability and disaster recovery plans.

Technical

1. Bash
2. Docker
3. git
4. atlassian tools
5. AWS
6. Golang
7. Hashicorp tools

Experience

Getty Images, Inc

Senior Systems Engineer

2015-present

- Building and maintaining internal cloud infrastructure with Openstack, CoreOS, Docker, and the Hashicorp toolset.
- Pairing closely with developers to create solutions for their infrastructure needs
- Promoting 12 factor programming methodologies

Cision, Inc

Devops Engineer

2014-2015

- Lead the charge to migrate automated testing from a troublesome persistent dev environment into an automated container environment
- Successfully scripted the migration from subversion to git for multiple large codebases
- Principal Ops on team to update scattered build environment into atlassian stack heavily using stash,

bamboo, jira, and confluence

- Identified single points of failure and slow engineering workflows for acquired companies, suggested improvements
- Official scrum training with engineering peers, familiar with the ins-and-outs of successful engineering team dynamics

Visible Technologies, Inc

Systems Engineer

2012-2014

- Configured, automated, and maintained large environments on bare metal running Linux and Windows
- Integral to redesign of entire production networking and server infrastructure to save several hundred thousand dollars per year while drastically increasing capacity and scalability
- Significant work on design, scripting, and execution of zero-downtime deployments heavily using F5 load balancers
- Configured and supported CentOS/Ubuntu environments running Kafka, Hadoop, HBase, RabbitMQ, Memcached, MongoDB, MySQL, Nagios, Ansible, Puppet, NTPd, postfix SMTP, DHCP integrated with a windows infrastructure running MSSQL, IIS, SMTP, AD, DNS

Front Panel Express, LLC

Machinist

2012

- Programmed up to 100 client orders daily in NC and Datron machine languages
- Diagnosed and fixed both mechanical and technical problems
- Calibrated and operated eight Datron CNC machines simultaneously

Deep Snow Development, LLC

Founder, CEO

2012-2013

- Designed and built massive production quality tools necessary to make skis and snowboards from raw materials
- Built, programmed, and operated a 250cm x 60cm x 45cm custom CNC machine to cut plastics and shape bamboo cores
- 3D modeled different ski/snowboard designs that were later built and tested on the slopes
- Created and managed our company website and vendor relationships
- Managed employee workloads and scheduling
- Sold all assets after concluding that hand-making skis was a beautiful hobby but building 1,000 of the same thing for profit wasn't as enjoyable.

Boeing Commercial Airplanes, Inc

LOBAS Engineering Support Analyst

2010-2012

- Wrote scripts to increase efficiency of analyst workflow
- Provided thorough and efficient technical support for commercial and classified Boeing engineers while maintaining a user satisfaction rating of over 98%
- Analyzed and resolved complex hardware, network, and software issues

Digipen

Network Administrator

2007-2008

- Constructed a network with over 40 nodes, and managed the DNS, DHCP, firewalls, port forwarding, bi-weekly software deploys, and VNC remote classroom management
- Set up and maintained Autodesk licensing servers