DennyZhang
DevOps Guy & Blogger

Contact

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https://dennyzhang.com

Programming

Python, Shell,
Ruby, Golang,
C & C++, R,
Elisp, Erlang

Skills

♥ Docker, Emacs ♥
Kubernetes, ECS
Linux, AWS, DO
Terraform, Jenkins
Cloudformation, Chef
Nagios, HA, DB,
Networking, Slack,
ChatOps, DR

Fields

DevOps & SRE
Open Source
Blogging
Social Influence

Methodology

GTD, TDD
Pomodoro
Lean Startup

Highlights

- *10-Year* full-time working experience in Cloud/Agile/DevOps.
- *7X24 Oncall Support* with vast experience of production issues.
- Hands-on experience with AWS, Docker, Kubernetes, and OpenStack.
- Frequent Blogger: https://www.dennyzhang.com, https://brain.dennyzhang.com.
- Active In DevOps Community: LinkedIn(22K+), Slack Group(1K+), GitHub(250+).
- Diehard emacs veteran(12K+ elisp customization lines).
- Strengths: Getting feedback from machines; Getting feedback from people.

Experience

Senior DevOps Engineer at TOTVSLabs, Mountain View, CA

Oct 2016 - Now (1.5 years)
Work remotely from Houston. DevOps guy
TechStack: Docker, Cloud, Chef, Terraform, Nagios, Elasticsearch, Couchbase, Errbot
Jenkins(101 jobs),Kubernetes,Docker(15 images),Python(2004 lines),Chef(7807),Bash(3578)
- [SRE] Unlimited support for couchbase, elasticsearch and application clusters.
- [CI/CD] Design and implemented container-based testing and one-button deployment
- [Auto-Healing] Enforce on-premise auto-scaling feature in DigitalOcean
- [ChatOps] Enable people to check and maintain system from slack
- [Misc] Cost saving in public cloud, DB performance tuning and security enhancement

DevOps Consultant at OSC Technologies, LLC, Boston, MA

Mar 2014 - Sep 2016 (2.5 years)
Work remotely from Houston. DevOps Lead of infra team
TechStack: Chef, Nagios, Java, Jenkins
- [Deploy] Automate deployment for virtual appliance, on-premise and cloud-based
- [Monitoring] Enforce infa and application monitoring by Chef+Nagios
- [Testing] Decouple QA, Dev and Scrum master workflow: Sandbox, VisualOps
- [Reliability] Migrate whole cluster from AWS to DigitalOcean with no downtime

Senior Software Engineer at ShopEx Network Technology Co., Ltd. Shanghai, China

July 2011 - Jan 2014 (2.5 years)
Design, implement and operate a PaaS platform from the scratch
TechStack: erlang, Jenkins, Zabbix, Bash
- [Dev] Design & Implement a queue service, similar to AWS SQS
- [Monitoring] Enabled puppet to automatically maintain Zabbix monitor items
- [CI] Automated all CI stages, performance tuning, random reboot

Software Engineer at **EMC Corporation, Shanghai**
July 2008 - April 2011 (2.5 years)
Atmos is an EMC PB storage product. Similar to a mixture of AWS S3 and AWS EFS.
Support deployment & rolling upgrade feature of Atmos
- [Python/C++] On-line rolling upgrade, and parallel installation
- [SRE] Gatekeeper for integration tests before product release
- [Testing] Performance test by LoadRunner
- [C++] Prototype for the feature of DragAndDropTo/PrintingTo/EmailTo Atmos

Community

22K+ Connections	**LinkedIn**	https://www.linkedin.com/in/dennyzhang001
1K+ Members	**DevOps Slack Group**	https://github.com/USDevOps/mywechat-slack-group
100+ Posts	**DevOps Blog**	https://www.dennyzhang.com
600+ Posts	**Coder Interview Blog**	https://brain.dennyzhang.com
230+ Followers	**GitHub**	https://github.com/DennyZhang
15 Cookbooks	**Chef Community**	https://supermarket.chef.io/users/dennyzhang001
9 Plugins	**Nagios Exchange**	https://exchange.nagios.org/directory/Owner/dennyzhang/1
58 Commits	**OpenStack**	launchpad: denny-6

GitHub

devops_public	DevOps scripts	GitHub: https://goo.gl/Er9e9B
devops_jenkins	DevOps Jenkins Jobs	GitHub: https://goo.gl/jZMEyV
Chef Cookbooks	My Cookbooks	GitHub: https://goo.gl/QJFBsS
Monitor Docker	via unix socket	GitHub: https://goo.gl/vpC1Kd
jenkins_slack_bot	Invoke Jenkins from slack	GitHub: https://goo.gl/DR5Tmf
emacs-configuration	My .el initscript	GitHub: https://goo.gl/Ewbcfk
mywechat-slack	DevOps Slack Group	GitHub: https://goo.gl/b3S1sM
Denny Scripts	My DevOps Repos	GitHub: https://goo.gl/GvWUPS
My Knowdgebase	Share Local KB	GitHub: https://goo.gl/5EYMMw

Certification

May, 2015	**AWS Certified Solution Architect - Associate**	By Amazon KRYTERION
Feb, 2015	**Chef Certificate of AWESOME**	By Chef Software, Inc.
Jun, 2010	**China Certified System Analyst**	By Chinese National Qualification Certificate

Education

2006 - 2008	**Masters** of Computer Science	Sun Yat-Sen University, China
2002 - 2006	**Bachelor** of Computer Science	Sun Yat-Sen University, China