Ashok Raja (DevOps, Cloud Architect)

In thirst of a challenging problems to solve, stay hungry stay foolish.

Aiming to help organisations to build highly scalable secure systems/infrastructure for maximum productivity with reduced cost. Enabling the organisation to effectively monitor, control, react & automate the software systems/infrastructure & release management. A Pythonist & Gopher. Love everything about AWS, DevOps Practice.

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Bangalore, India

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Work

Dec 2014 - Present
Bangalore, India
Member of Technical Staff (Cloud Architect)
Bloomreach

Accomplishments
- Executing one of the largest Cloud Infrastructure.
- Design application deployments, define & practice cloud security standards, auditing & cost effective cloud resource usage.
- Architected & deployed infra structure as code (config/orchestration management using Terraform & SaltStack.
- Execute, build & Mentor the complete IT infrastructure for Bangalore Office
- Built/Maintain a high available Graphite cluster for Metric Store & CI/CD infrastructure
- Re-Designed the S3 crawler for analytics & monitoring of S3 usage to run in a day from 1week
- Writing custom home grown tools to control/manage/integrate the cloud infrastrcture.

Jun 2013 - Nov 2014
Bangalore, India
Senior Systems Engineer (DevOps)
Apigee

Accomplishments
- Execute & Own one of the biggest AWS infrastructure
- Core architect & developer of the home grown automation tool for deployment/maintenance/orchestration
- Build high available Graphite cluster for Metric Store.
- Collaborate & mentor the team on the goals

Jan 2010 - Jun 2013
Bangalore, India
Tech Lead - Service Engineering
Yahoo !

Accomplishments

Design, Architect, Orchestrate the right technology stack for the project. Design and develop Load & Performance testing. Own the complete infrastructure for high performance sites like Yahoo vertical search platform, Yahoo Shopping, Yahoo Travel. Active participant of yahoo internal Hack Day events.
- Scaling the backend API & indexing to serve 4000+ RPS with <100ms response time utilising/choosing cost effective hardware
- Design & Architect zero downtime deployment across multiple datacenter

Jan 2008 - Jan 2010
Bangalore, India
System Administrator
Verismo Networks Private Ltd.,

Accomplishments
- DRBD High Availability cluster for LAMP stack
- Custom OS image tailored with custom LAMP stack tweaks
- Developed a custom CMS system for Internal Intranet Site, Customer

Jan 2005 - Jan 2008
Madurai, India
System Administrator
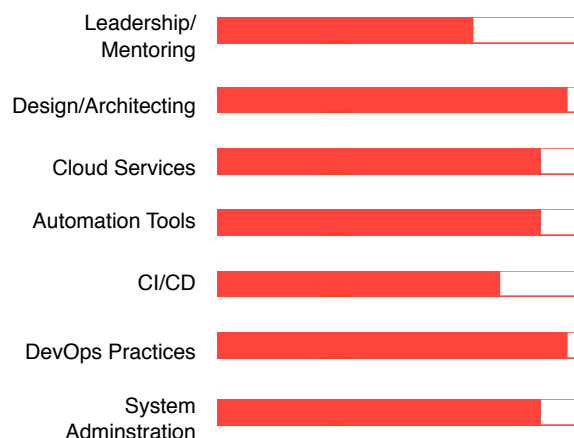Winways Systems Private Ltd.,

Accomplishments

As a system administrator at Winways systems was responsible for the entire IT infrastructure. Deploying O2(home grown ERP product) on the

Education

Jul 2001 - Apr 2005
Bachelor of Science in Physics

Skills & Competences

Skill	
Leadership/ Mentoring	▇▇▇▇▇▇▇▇░░
Design/Architecting	▇▇▇▇▇▇▇▇▇▇
Cloud Services	▇▇▇▇▇▇▇▇▇░
Automation Tools	▇▇▇▇▇▇▇▇▇░
CI/CD	▇▇▇▇▇▇▇░░░
DevOps Practices	▇▇▇▇▇▇▇▇▇▇
System Adminstration	▇▇▇▇▇▇▇▇▇░

Tools & Technologies

Languages	Bash, Python, Golang
Automation	Saltstack, Chef, Puppet, Ansible, Terraform, Jenkins & Home grown tools using Python/ Golang
Cloud Services	AWS, Heroku, Google, OpenShift
High-Availability	DRBD, Haproxy, Nginx, DNS, ELB
Load Testing	HP Loadrunner, Gatling, Funkload, Slamd
Data Store	MySQL, MongoDB, ElasticSearch, InfluxDB
Network Services	LDAP, NIS, Bind DNS, DHCP
Caching	Squid, ATS, Memcached, CDN
Security	Iptables, Snort, Metasploit, Shorewall, SElinux, Apparmor, OpenVPN, Snort
Monitoring	Nagios, Zenoss, Graphite, Sensu
Storage	RAID, LVM, GlusterFS, NFS

Achievements & Certificates

RedHat Certified Engineer (2005)
Certificate Number : 803005996514398

You Rock award
from Yahoo

Individual Contributor Award

Languages

English   Tamil

Interests

Mentoring l AWS l Golang l Python l
Systems Automation l CI/CD l DevOps l
Biking l Trekking