Mike Hoskins

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SUMMARY

TL;DR I like to build things.

Inclusive and flexible engineer with over twenty years of experience seeking software engineering, SRE or DevOps positions where I can leverage my automation, network and systems expertise to change the world. Lifetime learner equally interested in distributed systems, full-stack development, cloud infrastructure, CI/CD and security delivered via Agile/Lean methodologies.

HIGHLIGHTS

- UNIX / Linux
- Networking (TCP/IP, VPN)
- Cloud (GCP, AWS, Azure)
- Virtualization (KVM, vSphere)
- DNS / DHCP / TFTP / PXE
- HTTP / TLS / REST
- SQL (MySQL, Postgres)

- NoSQL (Mongo, Cassandra)
- Monitoring & Logging
- CI/CD (Jenkins, Concourse)
- Ansible / Puppet
- HTML, CSS, JS
- Terraform / Consul
- Containers (Docker)

- Git / GitHub
- Shell
- Node.js
- Golang
- Python
- Java/C (familiar)

EXPERIENCE

Site Reliability Engineer, PCFS, Pivotal | Jan 2018 – Present
- Assisted Fortune 500 customers architect, deploy and scale cloud-native applications
- Hands on experience deploying applications to GCP, AWS, Azure and vSphere
- Co-developed SRE curriculum for internal and customer training
- Helped create and manage terraform automation and golang tooling
- Spent a lot of time reasoning about and helping optimize large CI/CD infrastructures

DevOps Manager, Infrastructure Engineering, Cisco | Oct 2016 – December 2018
- Helped build and support internal compute platform spanning thousands of cores, and supporting traffic from millions of subscribers to hundreds of cloud security services
- Hands-on experience building micro-services and RESTful APIs in golang
- Built service status dashboard using golang, gorilla and Bootstrap

Solutions Architect, Cloud Infrastructure Services, Cisco | May 2015 – Oct 2016
- Part of three DevOps feature teams which built and managed monitoring, logging and metrics services for Cisco's cloud infrastructure

- Routinely reached across team and organization boundaries to help define and deliver public-facing services
- Evangelized DevOps culture and helped kickstart internal adoption

Senior DevOps Engineer, Infrastructure Engineering, Cisco | Nov 2007 – May 2015
- Worked with product teams to help define, deploy and scale new services
- Technical lead for infrastructure services supporting >30k client systems
- Migrated legacy CFEngine infrastructure and policies to Puppet
- Created and maintained Python automation

DevOps Engineer, Infrastructure Engineering, IronPort | Oct 2006 – Nov 2007
- Deployed CFEngine infrastructure and evangelized configuration management
- Built and supported thousands of FreeBSD and Linux servers
- Configured load balancing and firewalls for production services
- Technical lead for internal and external DNS infrastructure

Automation Engineer, Operations, E2open | Mar 2004 – Oct 2006
- Technical lead for deployment and support of >1k RHEL servers
- Developed and supported automated OS installation infrastructure (PXE, Kickstart)
- Automated OS hardening procedures based on industry standards (NIST, SANS, ISO)
- Created automated bootstrap procedure for new data centers

Manager, Operations, Televoke | Jan 2000 – Mar 2004
- First member of technical staff, built and supported infrastructure for development, QA, staging and production environments
- Kept costs low through consistent pursuit of automation
- Recruited and mentored network, system, and database administrators

PAST EXPERIENCE

NOC Manager, Technical Services Group, QWEST | Apr 1999 – Jan 2000
- Managed staff, wrote shell and Perl scripts, monitored network infrastructure

UNIX Systems & Network Engineer, Internet Group, SEI Data | May 1997 – Apr 1999
- IP network design, Cisco route/switch, UNIX systems administration

Consultant, CJ's PC Service | Jan 1994 – Dec 1996
- PC repair, LAN installation

RECENT TRAINING

- Complete Node.js Developer Course (2019)
- Advanced Full-Stack Web Development (2019)
- Cloud Foundry Developer Training (2018)
- BOSH Essentials (2018)
- Full-Stack Web Development (2017)
- Building Web Services in Go (2017)
- Lean Startup Workshop (2017)
- Beginning & Intermediate Python (2016)
- OpenStack Installation & Administration (2015)
- Apache Kafka (2015)
- GIT & GitHub Fundamentals (2015)
- Systems Operations on AWS (2014)