Marc Dougherty

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Professional Experience

Google, Inc. — 2012 - Present
Site Reliability Engineer - App Engine — San Francisco, CA

- Ensured the uptime, reliability and scalability of App Engine.
- Facilitated the explosive growth of large App Engine customers by making changes to the request routing path.
- Wrote policy and automation for App Engine pushes, enabling 5x increase in push velocity.
- Automated sharded backups of all App Engine customer data.
- Participate in on-call rotations, incident response, and contributed to numerous postmortems.

Google, Inc. — 2009 - 2012
Site Reliability Engineer - Mobile/Android — San Francisco, CA

- Responsible for backends of a wide variety of mobile-centric services, including Google Maps, and services core to the operation of all Android devices.
- Trained new London-based team to support services used by all Android devices.
- Designed and built unified monitoring framework to simplify configuration and dashboarding.
- Expanded the exising rollout automation to support a wider set of services.
- Onboarded several new services, converting them to use existing Best Practices with minimal disruption.

Google, Inc. — 2006 - 2009
Corp Reliability Engineer — San Francisco, CA

- Responsible for several internal-only services used by the sales and customer support organizations.
- Led team of 4 engineers in the onboarding of CRM software.
- Established monitoring and service management best practices.
- Built monitoring and launch dashboards for Android's initial public launch (2008).

Turbine, Inc. — 2004 - 2006
Systems Administrator — Norwood, MA

- Developed automation and tools for use in game development
- Maintained various internal corporate systems

Education

Northeastern University — 1999 - 2004
B.S. in Computer Science — Boston, MA

Skills

Languages
Python, Bash, Ruby, Java, C/C++

Tools
Git, Docker

Cloud Services
App Engine, Google Cloud (Compute Engine, Cloud Storage)

Other

- U.S. Sailing Basic Crusing Certification
- Author and maintainer of Klaxon Oncall Pager (over 7k active users).