

Matt McQuillan

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Technical Skills

- OS/Cloud: Linux, Docker, Windows, Amazon Web Services, Azure
- Languages: Go Lang, Ruby, Javascript, Python, Java, Bash, C#, Powershell
- Data: SQL Server, MySQL, PostgreSQL, Hadoop, MongoDB, Cassandra, Redis, InfluxDB, Elasticsearch
- Monitoring: Nagios, New Relic, Sensu, Grafana, Loggly, Greylog
- CI/CD/Config: Bamboo, Drone, Puppet, Chef
- Methodologies: Continuous Integration, Continuous Delivery, Sprint, Kanban

Odyssey

Senior DevOps Engineer

Apr 2016 - Present

- Created repeatable systems and processes from build to deployment
- Built out comprehensive monitoring and alerting for the production application
- Participated in proving out Docker Swarm mode for our production site
- Iterated our infrastructure for Microservices enablement and delivery
- Educated and advised on the architectural and cultural implication of Microservices
- Put together response and root cause analysis process around incidents
- Managed the production application for a 220+ million req/month site

Prysm, Inc.

Senior DevOps Architect & Manager

Aug 2015 - Apr 2016

- Built out new processes for operations of the cloud hosted application
- Built out monitoring and processes using a ChatOps model
- Created repeatable build and deploys for the application
- Created new managed infrastructure via Puppet and Containerization
- Managed a small team of permanent and contract staff

Teradata

Principal Engineer – Build, Release & DevOps

Jun 2012 – Jul 2015

- Automated and improved the application build process from 48 minutes to 8 minutes
- Automated and improved the application deployment process across 8 high availability environments
- Participated in the build out of a new product infrastructure using Puppet and Linux in two data centers
- Standardized processes around our production repositories for PostgreSQL, MySQL and Hadoop
- Modernized an antiquated and homegrown product SCM with full visibility and metrics
- Implemented automated provisioning, configuration and installation of our product in the cloud

Author Solutions, Inc. / Snap MyLife, Inc. *acquired*

Senior Engineer & Architect

Jan 2012 - Jun 2012

- Participated in the transition plan to support our acquisition from Author Solutions
- Migrated our entire application and all environments to the cloud

System Architect

Mar 2010 - Jan 2012

- Proposed and lead the conversion of our entire website to an ASP MVC platform with full CMS capability
- Architected and migrated the storage, processing and hosting to the Amazon Cloud platform
- Helped in identifying and making architectural changes to scale out the application for a high user load

Senior Data Architect

Jun 2007 - Mar 2010

- Created the logical and physical data model for a consumer photobook application
- Responsible for the Data Access Layer components using the LINQ to SQL object relational mapper
- Developed the Build/Deploy/Install process for multiple solutions and target servers using PowerShell and TFS

Powerway, Inc.

Data Architect

Feb 2005 - Jun 2007

- Created the logical and physical data model for a complete rewrite of an existing application
- Participated in the design of application components including an application wide full-text search service

Database Developer

Jan 2004 - Feb 2005

- Defined best practices for database conventions, SQL coding and admin practices
- Optimized numerous stored procedures and deadlock issues resulting in increased speed and capacity
- Maintained the install base for the database schema to ensure consistent and repeatable installs

AT&T Wireless

Developer III

Sep 2001 - Dec 2003

- Developed an account error resolution system which cut the defect rate for changes to 12% of their original rate
- Designed and developed an enterprise Login Provisioning application with over 40,000 users and 50 applications
- Member of AT&T Wireless Enterprise Standards Council and Information Architecture Team

Developer I

Oct 1998 - Sep 2001

- Developed an enterprise Help Desk application with over 3,500 users and a volume of 50,000 issues per month
- Developed an enterprise Facilities application with over 200 users and a volume of 1,000 issues per month
- Developed an Employee Self-Help web site which reduced the number of calls to the internal help desk by 15%