Jayson Paul

Senior Systems Engineer

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History of building deployment pipelines and tooling

- Lowering developer friction
- Increasing confidence for feature launches

Continuous Integration, Configuration Management Systems, and Linux Administration experience

- Six years at progressively larger scale server fleets
- From 250 to more than 4000

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Etsy, Brooklyn, NY, 2011-Current

Manage and lead deployment pipeline, developer and testing environments projects.

- Leading architectural design for deployment pipelines to Kubernetes
- Built live and async VM migration processes for OS and VM Resource Upgrades
- Rebuilt deployment system (Deployinator) into open source ruby gem from the ground up (https://github.com/etsy/deployinator)
- Implemented infrastructure for managing test builders using containers to scale
- Improved efficiency of Chef runs for Developer VMs from 20 minutes down to 5 minutes

Senior Software Engineer

WhenToManage, Ann Arbor, MI, 2009-2011

Customized integrations for clients in restaurant sales and inventory platform.

- Tuned MySQL configuration for performance on a per client basis
- Administered Linux server fleet in AWS

Senior Software Engineer

CORESense, Saratoga Springs, NY, 2004-2009

Rebuilt legacy project with focus on performance and improved feature set. Worked with consultants and clients to customize integration with multi-channel sales and inventory platform.

- Served as on-call system administrator for fleet of 50 linux servers and over 500 point of sale machines

SKILLS

Continuous Integration

Deployment Pipeline

Configuration Management

Capacity Planning and Scalability

Systems Engineering

Ruby, PHP, Shell Scripting, Perl

Apache, Unicorn, Passenger, nginx

Linux System Administration

Chef, Yum, RPM, Mock, Koji

Kubernetes, GKE

Docker, KVM, LXC

HIGHLIGHTS

Rebuilding old deployment code base for open sourcing and portability (https://tinyurl.com/deployinator)

Containerizing test builders to run more than 14,000 tests per day (https://tinyurl.com/craftbuilders)

HOBBIES

Streaming and competing in pro-gaming tournaments

EDUCATION

Bachelor of Computer Science
Rensselaer Polytechnic, Troy, NY