

Dan Reif

drupal.org: BMDan; github: BMDan; serverfault/stackoverflow: BMDan; linkedin: DanielReif

Relevant Technical Skills

- Extensive experience (15+ years) with Linux, Programming (C, Bash)
- Major experience (10+ years) with Programming (PHP, JavaScript, Python)
- Major experience (10+ years) with MySQL, Apache httpd

Professional Experience

Facebook

05/2015 – 10/2017

Production Engineer – MySQL Infrastructure

- Responsible for tens of thousands of MySQL servers underlying Facebook's production environment: everything from automation to end-user support.
- Primary point-of-contact within Facebook for backups and related auditing.
- Drove 10% cost savings in the datacenter by optimizing data access patterns.
- Reduced backup footprints by up to 60% in a cross-team collaborative project.
- Credited with four US utility patents for novel techniques in software and user interface.
- Delivered top-rated orientation/training every two weeks to over 4,000 new onboard-ees.

BlackMesh

03/2008 – 05/2015

Director of Engineering, Director of Emerging Technology

- Develop, create, and maintain Cloud infrastructure using OpenStack and other technologies.
- Recruit, evaluate, train, and schedule support team to staff 24/7/365 NOC.
- Investigate, propose, develop, deliver, and maintain automation tools to support thousands of hosts running bespoke and COTS applications.
- In-house forensics (court-recognized forensic expert in two Virginia jurisdictions).
- Provide project management, lead acquisition, recruiting, sales engineering, technical architecture, management, and critical support escalation resolution as/when needed.

Rural Broadband Network Services

03/2005 – 09/2006

Partner

- Developed, and then implemented the first stages of the business plan for a fast-growing fixed-broadband wireless provider in a rural area.

Fairfield Language Tech. d/b/a Rosetta Stone

06/2002 – 08/2004

Network Administrator, Systems Quality Assurance Lead

- Created the Systems Quality Assurance team to support Extreme Programming in the web development group while maintaining content and systems availability standards.
- Developed a complete implementation of the signature software product in a mobile form-factor using Java MIDP.