

IAN SHEARIN

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SUMMARY

DevOps Engineer with three years experience in Linux operations and cloud computing.

EDUCATION

Oregon State University

Bachelor of Computer Science, June 2013

Minor in Spanish · GPA of 3.53

EXPERIENCE

Cloud Systems Engineer

August 2013 – January 2016 · Operations, Tier 1 · Acquia, Inc.

Utilized Puppet and Ruby on AWS to provide enterprise-grade, high-availability PaaS and SaaS solutions for Drupal web hosting. Wrote tools to automate, troubleshoot, and audit approximately 30,000 servers, volumes, and other AWS resources.

Provisioned and troubleshoot every aspect of the hosting stack, including database replication, file systems, load balancing, caching, networking, and security. Participated in a demanding on-call rotation.

Documented systems and procedures, and educated new coworkers.

Web Developer

September 2012 – June 2013 · Oregon State University – Professional and Noncredit Education

Development and design work in Drupal 6 and 7, including creating interactive multimedia.

Senior Capstone Project

September 2012 – June 2013 · Oregon State University – Office of the Registrar

Implemented a web application to collect department course offerings, for approval by the Registrar. Collected technical requirements from the Registrar's office and additional design requirements from user interviews. Developed around an existing Oracle DB using PHP and MySQL.

SKILLS

Server operation: Ubuntu and CentOS Linux. Bash, Awk, Sed, and other shell tools. XFS.

Development and automation: Python, C, and Ruby. Puppet.

Web services: Nginx, Varnish, MySQL, Gluster, Memcached, PHP-FPM, and Apache.

Cloud and virtualization: AWS EC2, EBS, and ELB. LXC containers. VMware ESXi.

Workflow and documentation: Git. Jira. Kanban. Markdown, MediaWiki, and Confluence.

Monitoring and alerting: Nagios, Check_MK, PagerDuty. Graphite and Grafana.

Networking: PfSense. AWS EC2 classic and VPC security groups.

Web development: PHP, SQL, HTML, and CSS. Drupal.

Graphic design: Vector illustration. Web design. Photography.