

Summary

Technology and Education professional. Build/Release CI/CD and source control expert. Experienced with staff support, with infrastructure and equipment selection/installation, and ongoing operations. Linux Foundation Certified System Administrator (LFCS). Skilled trainer and communicator. DevOps generalist who codes, tests, delivers, and supports applications.

Key Skills

- Python: Web back-end with Flask or Django, REST/JSON. Databases. Utilities and glue
- Automation: Jenkins CI/CD, configuration management, virtualization (VMware, KVM), scripting
- Linux: LFCS. Debian/Ubuntu, RedHat. Monitor and maintain networks, services, and tools
- End-user/office support with Linux, MacOS, Windows, hardware installation and updates
- QA/Testing: Writing tests and test plans to validate requirements
- Process and Product Lifecycles: managing, implementing, and documenting safe and productive deployment from development through testing to production

Employment History

Lecturer (English) for Hawaii Community College and UH Hilo: 2016 to current

- Instruction in essential reading and writing skills, emphasising analysis, using research, essays, and academic databases. Increased student engagement with attention to individual and cultural backgrounds and interests.
- Redesigned and adapted curriculum for online courses. Earned Level 2 Credentials.

Technical Editor for Imagecraft Creations Inc 2015

C for Everyone: The Jumpstart Guide to C, by Richard Man

- Intensive copy editing to ensure accuracy and clarity.

English Teacher at Waiakea Intermediate 2015 to 2016

- Taught reading and writing strategies: annotation, close reading, paragraph organization.
- Initiated and hosted Computer Club, guiding Hour of Code programming instruction.

Computer Concepts and Applications Teacher at Helms Middle School, San Pablo, CA 2013 to 2015

- Computer Science for 8th graders. Covered basic literacy, research across the disciplines, Office apps with online collaboration, intro web design, online interactive storytelling, Photoshop, Python and Scratch programming.

DevOps Engineer at Taulia 2010 to 2011

- Supported startup office technical infrastructure.
- Implemented on-site and AWS app server environments in Linux, Windows, and MacOS .

- Build scripts and automation with Gradle and Groovy.

Build/Release Engineer at OpenTV, Inc. 2006 to 2010

- Delivered regular middleware and application builds through QA to international partners
- Implemented Continuous Integration with Jenkins and UrbanCode's AnthillPro (Groovy).
- Created web app tools (Python, Django, Flask) for issue tracking, release notes, source control
- Provided guidance and training in the build and release processes, helping to migrate several geographically diverse teams' source repositories (CVS, SVN, VSS, SCCS) into one central repository (Perforce)
- Supported ~500 developers worldwide in their use of Perforce, Bugzilla, JIRA, and Coverity.
- Administered production and lab Linux and Windows server for upgrades, backups, and troubleshooting.

QA Engineer at Art & Logic 2003 to 2006

- A variety of agency QA with MacOS, Web, VoIP, and Java projects and environments.
- Wrote and implemented functional and integration test plans.
- Established and scripted manual and automated tests.

Build Engineer at Be, Inc. 1999 to 2001

- Created build, release, and installation systems for Be Operating System.
- Delivered final product and updates to partners and customers.
- Administered operations servers (Perforce, Linux, FreeBSD). Supported ~90 international developers. Published articles in company newsletter.

Release/QA Engineer at CNET 1998 to 1999

- Managed release of website framework updates and Java-based backend content management tools.
- Developed and implemented test plans for web applications, working with Dev and PM

Release Engineer at Elan Computer Group 1996 to 1998

- Maintained and standardized product builds for Windows and multiple Unix platforms

Support Agent at Technology Integration Group 1994 to 1995

- Helpdesk internal support for three divisions of Hewlett-Packard.

Education and Certifications

Linux Foundation Certified System Administrator: May 2021

Master of Science in Education 2013, California State University East Bay, Hayward, CA

Specialization in Educational Technology Leadership

- Masters Project Title: Interactive Narratives: Joining Consumer and Creator Single-Subject Teaching Credentials in English and Technology

Bachelor of Arts in English and Comparative Literature Studies, cum laude 2005, Occidental College, Los Angeles, CA

- Minor in Russian Studies

Recent Presentations/Publications

- Interactive Fiction for Literacy 2016
- Webapps with Python: Hands-On 2016
- Hawaii Island EdTech Collaboration Conference (HITC), Kamehameha Schools, Keaau

Professional Contacts

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