

Dennison Williams

San Francisco, CA

Dennison.Williams@gmail.com | (503) 481 - 7640 | <https://dennisonwilliams.com>

Systems Administrator

Over 20 years of Linux Systems Administration and Systems Development. Strong skills in monitoring, storage, high availability and database architecture. Proven history of delivering solutions on time and within budget. Over 10 years experience working with medical records integration and protecting HIPAA.

* Project Management	* LVM	* C
* Git	* Perl	* PHP
* MySQL	* Python	* CCNA
* Puppet	* HIPAA	* HL7
* LUKS	* High Availability	* Large Systems

WORK/PROFESSIONAL EXPERIENCE

IT Manager, St. James Infirmary 2014 - Present
Since 2014 I have worked as IT Manager, Network Administrator, and Full Stack Developer.

- Migrated medical records from a custom application to an ONC certified platform updating the organizations compliance and improving participant continuity of care.
- Lead development of electronic medical records system by adding customizations, supporting volunteers, integrating 3rd party ad-dons, and merging upstream releases allowing the organization to provide Covid vaccines, electronic prescriptions, and integration with local laboratories.
- Managed all IT vendors, local and cloud assets to ensure privacy that exceeds the standards set by HIPAA.
- Architected, configured, monitored, and proactively responded to issues with all site networks to provide highly available secure access to the internet and organization assets.

Software Developer, Funny Monkey 2009 - 2013
Provided development operations and software development support to an open source e-learning platform.

- Wrote enhancements to 3rd party modules to improve platform functionality for the organization and the larger open source community.
- Architected and deployed virtual development environment which reduced regression bugs and decreased the time to completion for new issues.

Systems Administrator, Dark Heart Nursery

2009 – 2019

- Developed, monitored, and supported a secure VoIP network allowing for secure communications for staff and customers via law enforcement resistant network.
- Wrote customer lead tracking software integrating Zoho and public data sources to facilitate the expansion of sales from the bay area to the entire California region.
- Architected, configured, monitored, and proactively responded to issues with all site networks to provide highly available secure access to the internet and organization assets.

Development Operations, Radical Designs Cooperative

2009 – 2018

- Wrote a real time vhost monitoring solution that detected broken deployments switching the organizations response from reactive to proactive and improving the organizations SLA.
- Custom WordPress and Drupal development that provided clients with needed functionality on time and under budget.
- Monitoring infrastructure architecture and management support with custom interfaces to ease on call scheduling for team.

Project manager, March Hare Communications Collective

2007 – 2012

Managed the direction of custom IT solutions as lead developer and manager of 12 person team.

- Built customize-able secure voice conferencing system leveraging Linux, OpenVPN, and Asterisk to create turn key solution ad hoc networks for surveillance resistant communication.
- Led cross platform mobile application development team that provided real time resource mapping apps to customers using Drupal, Swiftriver, Twitter API, Kohana, Ushahidi, and Appcelerator.

Firmware Developer, Free Radio Berkeley

2005 – 2007

- Developed transmitter firmware for network interface via a Lantronix Xport that allowed for getting and setting of transmitter settings and status remotely via an on board web server.

- Used Oscilloscope and logic analyzer to verify transmitter quality control and to debug firmware issues at line level voltage.

Systems Administrator, America Online

2002 – 2005

- As a team member managed 1200+ host network comprised of Solaris and Linux systems to provide streaming radio service.
- Developed tools to perform network and host security audits, log aggregation analysis, and report generation as needed to verify system integrity.
- Contributed as Oracle database administrator supporting the data store for the entirety of Time Warner's music archive.

Systems Developer, SFSU

1999 – 2002

- Architected and managed centralized authentication for a heterogeneous development network based on Linux and OpenLDAP.
- Developed web front end that allowed non-technical staff to manage student access to lab resources.

Education

CCNA, Pearson IT Certification (2022)

Oracle Database Administration Certified Professional

BS Computer Science, SFSU

Interests

Digital security research, digital audio archiving, microelectronics, community radio, low power FM transmission