



Cody Dennhardt

dennhardtc12@gmail.com 
codydennhardt 

Skills

- PHP
- MySQL
- HTML5 & CSS
- Windows / Linux
- JQuery
- Python
- Git
- Office 365

Experience

2021 – CURRENT

DevOps / XOMBO Software Inc, Remote

- Independently configured a server to work as a Single Sign-on web portal using SimpleSamlPHP to provide SAML auth against an LDAP Identity Provider
- Installed & configured Puppet for server config deployment and wrote config for Single-Sign On
- Configured server to host user directories using Apache WebDAV with PAM auth against LDAP
- Added client side capabilities for WebDav to firstboot bash script for custom Ubuntu iso

2016 – 2020

Web Developer / Kelson Group, Kamloops

- Worked independently on a full-stack application, creating and modifying existing components
- Built a full-stack web application that includes a dynamic form, importing and exporting of CSVs to a MySQL database, and reporting based off specified criteria
- Built a web application that allows more accurate comparison and pricing of suites
- Wrote and ran SQL scripts to update / tidy-up MySQL databases
- Implemented DataTables with rows coloured by priority for the online ticket system
- Built and modified PDF exports for readability and scalability
- Modified a client facing web form to allow for upload of files within specified parameters
- Supervised company cell phones and would order or replace them as needed
- Assisted employees via remote software, communicating instructions clearly to solve issues with laptops, phones, and email

Education

2012 - 2018

Bachelor of Computing Science / TRU, Kamloops

- Learned a variety of different object-oriented programming languages and best practices
- Gained insight into how hackers approach websites and networks in ethical hacking class
- Learned about software testing using unit tests and data pools

Projects

Utility Logging

- Built from scratch to replace old utility logging forms
- Built to streamline data entry for accounting staff and reduce workload
- Dynamic form elements, AJAX to self built API
- Charts and export of reports in CSV and PDF format
- Prefetching of weather data for use with reports of natural gas
- Duplicate entry checking before submission (similar entries would get a warning)
- CSV import from utility providers, allows multiple entries to be automatically entered

Technologies: **PHP (PDO, FPDF), MySQL, JavaScript (Jquery, DataTables.js, Charts.js), CSS, Git, Cron**

Web Portal Maintenance / Upgrades

- Added and modified functionality to existing PHP framework
- Created new reports using existing models
- Created new objects that used inheritance in MVC framework
- Improved performance of report exports by caching data
- Added systems and processes that are roll dependant
- Improved visibility of data at a glance with charts

Technologies: **PHP (PDO, FPDF), MySQL, JavaScript (Jquery, DataTables.js, Charts.js), CSS, Git**

SimpleSamlPHP Single Sign-on

- Set up and configured SimpleSamlPHP as an Identity Provider
- Configured for Auth against LDAP server
- Prepared it to be used with Google Workspace

Technologies: **VirtualBox, Ubuntu, PHP, LDAP, Apache**

Webdav Server

- Configured server to use Apache to serve DAV enabled directories
- Authenticated against both LDAP and PAM
- Wrote PAM config to auth users and run bash script on successful auth
- Wrote client code for automatic connection of webdav

Technologies: **VirtualBox, Ubuntu, Apache (vhost), PAM, LDAP, Bash**

Personal Portfolio Website / codydennhardt.ca

- Created front-end with VS Code. Basic HTML, CSS, JS. Single Page App style
- Hosted on AWS Amplify connected to GitHub repo
- Domain managed through AWS Route 53
- Version control through Git with Github
- Autodeploy on changes to main branch

Technologies: **AWS (Amplify, Route53), XAMPP, VS Code, GIT, GITHUB, HTML, CSS, JS (JQuery)**