

John W. Lude

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WORK EXPERIENCE

Feb 2022 – Jun 2023

Fernish, Inc., Los Angeles, CA

Ruby on Rails Lead Backend Developer

Exclusively telecommute. Worked in team of 10 developers using hybrid Scrum/Kanban workflow. Added features to a e-commerce site which sells and rents furniture.

- Owned architecture / reliability / performance of API backend servicing React-based website and React-native operations application; server / performance monitoring with Sentry, AWS CloudWatch and NewRelic
- Supervised integration with multiple APIs & services including Twilio, PostGrid, Bill.com, OpenSearch (AWS version of ElasticSearch), Internal.io and Google Sign In
- AWS-based hosting: CloudFormation, ECR, EC2, CloudWatch, CloudFront, RDS, S3, CodeBuild
- GitHub version control with Jenkins CI/CD pipeline producing docker containers
- Event-driven system based on PostGreSQL change data capture. RoR automated testing using MiniTest
- Quip for documentation; Jira for ticket management; Slack for communications
- Code reviews and mentoring of junior developers
- Continuously on call for critical asks/issues; regular on-call shifts for high-priority asks/issues.

May 2019 – Jan 2022

CoverMyMeds, Inc., Columbus, OH

Ruby on Rails Developer

Hybrid telecommute/on-site. Worked in team of 60 RoR developers using Kanban workflow. Added features to a web-based SaaS which streamlines the “prior authorization” process of getting patients medications.

- PostgreSQL and SQL Server databases, as well as ElasticSearch
- GitHub version control with Jenkins CI/CD pipeline producing dockerized microservices
- Event-driven system powered by Sidekiq, Cross microservice communication via GraphQL
- Confluence for documentation; Jira for ticket management; Slack for communications
- 100% code coverage using Rspec for unit and feature tests
- Multiple reviews for each deploy: peer/code, risk management and engineering management
- Collaborated in integration of Salesforce Marketing Cloud API for SMS and Email communications.
- Collaborated in integration of React to front-end of software.

May 2018 – December 2019

Franklin University, Columbus, OH

Contracted PHP Developer

Hybrid telecommute/on-site. Worked as a part-time contractor to augment PHP unit testing and data visualizations.

- Integrated PHPUnit testing into existing code-base to create an automated unit/integration testing framework for custom learning management program utilized by university.
- Implemented force-directed graphing libraries (VisJS, Chart.js, etc.) to provide visualizations to data
- Utilized custom PHP framework built by department head using SQL Server database
- Bamboo CI/CD to install artifacts to servers.

October 2015 – April 2019

Optanix, Inc., Syracuse, NY

PHP / Perl / Java Developer

Exclusively telecommute. Worked on team of 70 engineers and developers, supporting and adding features to the “Optanix Platform”, an enterprise-class network monitoring tool (SaaS). This software provides real-time network status to large, in some cases global, computer and telecommunications networks.

- Created Perl modules to manage polling of enterprise-class network equipment.
- Core software originally Yii / Zend PHP. Migrated to Ruby on Rails and Spring Java framework.
- Event-driven system powered by RabbitMQ
- Vanilla JavaScript plus visualizations utilizing VisJS
- Subversion, then Git vcs; Confluence for documentation; Jira for ticket management; Slack for comms
- Jenkins-based CI/CD generated *.deb packages to install dockerized microservices on AWS cloud
- SCRUM workflow process. Certified as ScrumMaster.

October 2013 – October 2015

Skreened.com, Columbus, OH

Engineering Manager, Lead Developer

Hired and led team of 5 developers to overhaul high-volume, retail, e-commerce t-shirt site.

- Overhauled Git setup, testing, process, backup, database layout/replication, and code structure.
- Converted fully-procedural code into object-oriented using CodeIgniter PHP framework.
- Supervised documentation of existing code. Implemented switch from in-house to 3rd-party fulfillment.
- Oversaw implementation of various APIs for printing, Amazon, Ebay, Google, Facebook, and shipping.
- Formalized ticket management using Asana and modified SCRUM process.
- Performed reviews, promotions and terminations as appropriate for development staff.
- Testing platform for JavaScript front end mocked out in Ruby on Rails.

April 2013 – October 2013

CenturyLink via TekSystems, Columbus, OH

PHP Developer

2-man team updating internal, company-wide PHP / Oracle program used by hundreds of staff.

- Employed PHPlot to build an automated visual reporting tool for senior management
- Used TCPDF to enable life PDF generation of pages
- Implemented Subversion version control

Jan 1995 – Apr 2013

Freelance Consultant / US Web Coders, Inc., Florida, Ohio

Developer / Owner / Contractor

- Developed client base of 600 businesses and residences solely through word-of-mouth referrals.
- Software / web / graphic design, system integration, repair, upgrades, training, and networking on Windows 95 through Windows 7, and Macintosh OS 7.1 - X (10), and Linux, as well as various servers.

Notable Web/PHP/MySQL Design:

lgyak.com - (offline) an email/sms groupware system written solely in PHP

usakoi.com - ecommerce store with custom cms

goscoutinc.com – online photo library for location scouting company

newtampa.org – (offline) chamber of commerce; membership site with automatic recurring billing (PayPal)

onlinejobs.com & hcarejobs.com – jobs websites. Custom cms

universalgadgets.com & purfectcattoys.com – ecommerce stores integrated with PayPal.

byownermls.com – an online multiple listing service for “by owner” properties

foreclosure website prototype – including Custom cms, affiliate system, and screen scrapers

kissthisky.com – misheard music lyrics site overhaul

Notable Software design:

web-based project management software – in use for 5 years to date

FileMaker & web-based medical billing software - in use for 11 years

FileMaker - based talent agency management software – in use for 17 years to date

FileMaker - based production company management software – in use for 18 years to date

Phone Apps native development:

Simple audio entertainment app, including Decibel metering and video play (prototype)

GPS-enabled multiplayer game (prototype)

LaserTag style Game (prototype)

iNautical / iCaptain – nautical mapping software. 20,000 downloads / 1000 in-app sales first 90 days

July 03 - Aug 06

Vanishing Species Wildlife, Inc.

Webmaster / Property Manager

- All graphic design, print design, merchandising as well as webmaster using LAMP

EDUCATION

1993 - 1995

University of Miami
Marine Biology Major

CERTIFICATIONS

BrainBench Certified PHP 4 & 5 Master - Top 2% of test-takers, May 2008

ScrumAlliance ScrumMaster – November 2017 – November 2019

RELEVANT SOFTWARE EXPERIENCE

Adobe

Acrobat
Illustrator
InDesign
Photoshop
Dreamweaver
Fireworks
Flash

Productivity

iLife
Microsoft Office
Open Office

Desktop Database

Access
FileMaker Pro

Operating Systems

Linux: [x]buntu, Raspberry Pi, Debian,
Fedora, RedHat
MacOS: 6.x - 10(x)
Windows: 3.11 – 10

IDEs

Eclipse
JetBrains (RubyMine, PHPStorm, etc)
NetBeans
Xcode

Programming

C/C++/Objective-C
Cocoa Touch
Java / Spring
JavaScript
Perl
PHP 4+
Ruby / Rails

Web

AJAX / JSON / XML
Apache / IIS
APIs consume/create
CPanel/WHM/Plesk
cURL
DNS
FTP
HTML 4/5, CSS
Imaging: GD / ImageMagick
Linux, Cron, Bash

Web Database

Cassandra
ElasticSearch / OpenSearch
MariaDB / MySQL
Oracle
PostGres
SQLite
SQL Server

Version Control

Git
Mercurial
Subversion

JavaScript Frameworks

Bootstrap
Jquery
React
Vue

PHP Frameworks

CakePHP
CodeIgniter
Laravel
Yii
SmartyPHP
Zend

PHP-based CMSes

Drupal
Joomla
OpenX / OpenAds
OSCommerce
PrestaShop
WordPress
ZenCart

NON-COMPUTER EXPERIENCE

- Heavy equipment including "bobcat" front-end loaders, back-hoe and farm equipment.
- Standard car mechanics and maintenance
- SCUBA - NAUI - Open Water I
- Construction including carpentry, electrical, plumbing, screen installation
- Pianist, Guitarist, Drummer and Entertainer. Comfortable in public-speaking.

Last Updated: 06/15/2023