

David Duggins

Platform Engineer

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Interests

New Technology, PHP, Linux, Free/Libre Software, 3d Printing, Rust, Docker, reading, history, politics, philosophy, writing

Languages

English, Russian

Top Skills

LAMP Stack, Ruby on Rails, Javascript/Node JS, Linux/Debian/Red Hat, Bash/Shell Scripting, Docker, DevOps/SecOps/ GitOps



weatheredwatcher

Professional Summary

Experienced Platform Engineer with over two decades of IT expertise, specializing in the strategic deployment and management of open-source technologies. Adept at crafting cost-effective IT strategies, I have a proven track record of modernizing legacy systems and optimizing infrastructure for scalability and performance. Proficient in a wide range of technologies, including Linux, Docker, Kubernetes, and cloud platforms, I bring a wealth of start-up experience and a commitment to staying at the forefront of industry trends. Passionate about leveraging open source solutions to drive business growth and innovation, I am well-equipped to lead and execute projects that demand cutting-edge platform engineering expertise.

Experience

Duggins IT Services - 02/2010 - Current Platform Engineer/ FullStack Developer

- Working with companies around the world with legacy software and infrastructure.
- Working with teams to secure and modernize codebases.
- Using Ruby on Rails, PHP/Symfony, NGINX, Apache, Linux, Docker, Kubernetes

Guitar Tricks - 01/2022 - 06/12/2023 Senior PHP Developer

- Worked on the sites guitartricks.com and 30daysinger.com.
- Maintain servers and processes such as deployment.
- Oversaw migration to a new server as well as the launching of a new version of the main site

Dominion Diagnostics - 10/2021 - 12/2021 *Senior PHP Developer*

- Worked with the Development team to convert a series of Legacy PHP Applications into a modern Laravel Dashboard with React JS Frontend.
- Developed API and React Components to consume the API.
- PHP 5, PHP 7, MS Sql, DB2, Laravel, Apache, Linux Docker React.

Etsy (Risk Engineering) - 10/2020 - 05/2021 *PHP/SecOps Consultant*

- Worked on project related to site-wide security.
- Updated code to remove terms deemed offensive.
- Worked on areas of password management, including compromised passwords.
- Risk scores management with Google Enterprise RECAPTCHA.

Specbooks 02/2020 - 06/2020 *DevOps/Platform Engineer*

- Instituted best Practices in Branch Management and deployments.
- Worked towards getting resources off old data platform and into the cloud
- Worked towards automating the deployment of Micro-services..

OpenText 03/2019 - 01/2020 *WordPress Developer*

- Converting design templates into a WordPress Theme.
- Created custom theme functions

Sentry Data Systems 08/2019 - 12/2019 *PHP Developer.*

- Upgrading from php 7.0 to 7.2
- Upgraded jQuery 2 to 3
- Upgraded Symfony 2 to Symfony 4.

Financial Times 10/2018 - 09/2019 *PHP Developer/Platform Engineer*

Worked with a legacy codebase responsible for millions of pounds in annual advertisement revenue.

- Containerization of the infrastructure on AWS using Docker.
- Updating code to comply with GDPR regulations.

OpenText 09/2013 - 09/2018 *WordPress Developer/Platform Engineer*

- Working as an engineer within the Digital Marketing Group.
- Support the development of campaigns for the various Business Units within Open Text.
- Manage the legacy servers and websites.
- Performed migrations, updates and other task as needed to maintain sites.
- API Development.

Alumnify 02/2014 - 07/2015 *CTO.*

- *Helped develop a POC iOS and Android App*
- *Mentored the Founders and helped develop team.*

Comporium 01/2013 - 08/2013 *PHP/System Architect/
Platform Engineer.*

- Participated in the full SDLC to assist in building a POS sale system for retail stores.
- Worked on architecture, development, infrastructure and deployment pipelines.
- Developed SOAP interfaces as well as a payment gateway.

Pace Communications 09/2012 - 01/2013 *Senior PHP
Developer/Consultant.*

- Worked on the migration of a Legacy WordPress application to a new template system.
- Wrote scripts to migrate complex data as well as plugins and theme components implement content strategies for the content team.
- Utilized API's to create a store locator.

S.C. Budget and Control Board 05/2012 - 07/2012 *PHP
Developer.*

- Built a custom system for managing contracts and work orders for the State of SC. PHP,MySQL, JavaScript

Political Exchange 11/2010 - 2012 *IT Consultant/Lead
Developer*

- Built a POC for a Social Networking site written in Ruby on Rails.

Rootloud 03/2010 - 10/2010 *Director of IT/Lead Developer.*
Worked as the primary developer for an Agency.

- Developed eLearning Tools
- Bespoke web applications.

Leveraged Media 10/2009 - 02/2010 *Director of IT/Lead Developer.*

- Built custom Marketing Application
- Maintained WordPress instances.

Midlands Technical College 08 / 2008 - 02 / 2009 *WordPress Developer.*

- Created a WordPress Based Podcast Server
- Integrated the College SSO to WordPress

Institute for Strategic Languages and Culture 03 / 2006 - 09 / 2008 *IT/Web-Master.* Created the organization website and worked to maintain it.

Self Employed 03 / 2002 - 01 / 2005 *Web Developer, System Administrator/Network Support III.*

- Designed several websites for the Entertainment Industry
- Created a POC for the Department of State
- Created a eCom site in ColdFusion for a custom Wheel retailer.
- Provided support for several labs, law offices and other businesses.
- Installed, Updated Server 200/2003
- Maintained Sonic Wall
- Maintained Exchange Server
- TrendMicro AV,
- Windows 2000/XP Workstations

Hunter Motors 09 / 2001 - 09 / 2004 *Director of IT/Internet Sales.*

- Managed Internet Sales.
- Worked on IT infrastructure including both wired and wireless networking.
- Assisted vendors in troubleshooting servers.
- Programmed business solutions and developed Sales Tools.

Education

Midlands Technical College 2007 - 2011 *AS-Information Technology (incomplete) , Information Technology*

Wake Technical Community College 1999 - 1999 *GED*

Talks/Publications

Codeigniter: From Zero to Blog in 15 minutes *Northeast PHP 2012 · Authors: David Duggins*

Run Your Small Business on the Cheap With FOSS *POSSCON 2011 · Authors: David Duggins*

What's New in PHP 5.40 *POSSCON 2012 · Authors: David Duggins*

Cloud Development In The Cloud *Northeast PHP Conference 2013 · Authors: David Duggins*