

DEAN HOUSEHOLDER

TECHNOLOGY SPECIALIST

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SALT LAKE CITY, UT



SKILLS

>> PROGRAMMING

PHP/JAVASCRIPT/CSS (19 YEARS)

LARAVEL (5 YEARS)

OOP/MVC/REST/AJAX (13 YEARS)

SEO/MARKETING (11 YEARS)

API/WEB SERVICE DESIGN (8 YEARS)

ARCHITECTURE (7 YEARS)

DATA TRANSFORMATION (7 YEARS)

SECURITY (6 YEARS)

>> DATABASE

MYSQL/PGSQL/ORACLE (19 YEARS)

ARCHITECTURE (12 YEARS)

REPLICATION/CLUSTERING (5 YEARS)

>> SYSTEM ADMINISTRATION

NETWORK/LOAD BALANCING (10 YEARS)

AWS/CLOUD ARCHITECTURE (6 YEARS)

PROFILE

Software Developer in PHP/MySQL for over 19 years. Certified Linux Systems Administrator, Systems Architect, Database Architect, Security-minded, Automation, Technical Communicator, Data Manipulation Expert, Bottleneck Breaker, Firefighter.

Quick Learner, Technical, Honest, Reliable, Proactive, Team Player, Dedicated, Resourceful, Helpful, Values-Centered, Friendly, Priority-Focused, Cool under Pressure, Level-Headed, People-Person.

PROFESSIONAL EXPERIENCE

SENIOR LARAVEL DEVELOPER

Inside Real Estate / Draper, UT / Jul 2019 - Nov 2019

- Developed new features on a complex Laravel/VueJS full-stack app
- Created Laravel Job Queues to implement long-running database work in background while giving website user updated feedback
- Coordinated with product manager and QA team to fix software bugs
- Created a working Docker development environment to enhance development process
- Helped coordinate local PHP developer meet-ups and presented to the group

Technologies used:

PHP, Laravel, Lumen, VueJS, JavaScript, GraphQL, Redis, Elasticsearch, NPM, Docker, Git, Jira
AWS Technologies: EC2, S3, RDS, SQS, Lambda, Auto Scaling

SR PHP DEVELOPER

Galileo Processing / Salt Lake City, UT / Sep 2018 - Jul 2019

- Develop new features and make improvements on dozens of fintech web applications
- Maintain a strong focus on implementing high security best practices into daily coding
- Mentor other developers on team through code reviews and help in their code
- Integrate with internal API's to process banking transactions
- Streamline development process and onboarding with Docker automation scripts for rapid Dev environments

Technologies used:

PHP, Zend, Oracle, Docker, Splunk, Git, GitLab, Jira, Confluence

SKILLS

>> TECHNICAL

PHP



Database



Linux



Networking



Load Balancing



Cloud Architecture



Web Scraping



EXPERIENCE (CONTINUED)

FREELANCE DEVELOPER

South Jordan, UT / Mar 2015 – Present

- Project: **DeseretNews.com** – Worked on a CMS-driven dynamic news portal which delivered news around the clock.
Technologies used: PHP, Symphony, MySQL, CSS/SCSS, CSS Flexbox/Grid layouts, JavaScript, jQuery
- Project: **CLIO Reports** – Built a Laravel-based report website which allowed the clients of an attorney office to log in and get updates to their various cases. The data source was in Clio.com. The Laravel calls into Clio's API, downloads specific client data, stores it locally, and delivers reports upon login or emails them out bi-monthly.
Technologies used: PHP, Laravel, MySQL, AJAX, JavaScript, jQuery, CSS, REST API Calls, OAuth2, Authentication, PDF generation, Bulk Email sending
- Project: **Vonage Voicemails** – Perform web scraping to log into to Vonage (which doesn't provide an API), to download MP3 files of voicemails and capture related meta data, such as caller ID name, caller number, time and date. Built a web interface to view, play, delete, as well as save the voicemails to Dropbox via its API.
Technologies used: PHP, Laravel, MySQL, AJAX, JavaScript, jQuery, CSS, Dropbox API
- Project: **Expo Pro** – Writing a WordPress plugin to manage conference/expo/trade show events with a dynamic floorplan map. Includes the ability to select booths for rent, add them to the cart, fill out customized form and pay online to reserve them.
Technologies used: PHP, WordPress API, JavaScript, HTML5 Canvas
- Project: **(Under NDA)** – Built a web scraper to aggregate product purchases and display the results in various reports with graphs, sortable columns and other data-driven requirements. Users can discover best-selling areas to focus on when building new products.
Technology includes: PHP, MySQL, AJAX, JavaScript, CSS, Web Crawler using Async CURL requests, REST API, User Registration / Management System, jQuery, Chart.js, Message Queuing, Export reports to Excel

SR PHP DEVELOPER

Innovation Guys, LLC / American Fork, UT / Nov 2017 – May 2018

- Developed many features for ReminderDental.com website including:
 - Extensive regular expression sanitization and validation
 - JavaScript SPA calendar application
 - Image upload resizer with back-end storage using unique filenames
 - Built email-friendly, mobile-responsive template system
- Built URL shortening API
- Wrote PHP application with integration to Google Search, Google Maps, and Google Location API's

Technologies used:

PHP, Laravel Framework, MySQL Replication, Apache, CKEditor, Git, Jira, BitBucket, MailGun, PostMan, jQuery, Bootstrap, FullCalendar

ACHIEVEMENTS

>> LPIC CERTIFIED
SYSTEMS ADMINISTRATOR

>> F5 ADVANCED
IRULE TRAINED

>> ITIL CERTIFIED

>> EAGLE SCOUT

INTERESTS

>> AUTOMATION SCRIPTING

>> OPEN-SOURCE

>> STRATEGY BOARD GAMES

>> WORLD TRAVEL

>> SCUBA DIVING

>> WRITING USEFUL SCRIPTS

EXPERIENCE (CONTINUED)

SENIOR APPLICATION SYSTEMS ENGINEER

LDS Church / Riverton, UT / Jul 2008 – Nov 2017

- Support dozens of large web applications on over 200 Linux servers
- Architect solutions for performance, scalability, supportability, security, and redundancy/high availability
- Support development teams in troubleshooting and identifying security and performance weaknesses in applications
- Led or contributed to hundreds of architectural discussions to determine the best solution, technology and implementation
- Created CF Scripts project - A robust set of scripts for working with Cloud Foundry

PHP DEVELOPER / SR PHP DEVELOPER / CHIEF DEVELOPMENT OFFICER

Adoption.com / Tempe, AZ / May 2000 – Jul 2008

- Built over 100 PHP/MySQL dynamic websites such as Adoption.com, and Adopting.org, FertilityCommunity.com, CrisisPregnancy.com with shared custom CMS
- Implemented SEO techniques to optimize page rank and traffic
- Implemented and heavily customized a very complex ad delivery system for tens of millions of monthly pageviews
- Grew to be the Technology Architect over team of 25 developers where I directed all major architecture decisions and oversaw all technical projects
- Directed migration of servers to new datacenter with minimal downtime

REFERENCES



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