

DEAN HOUSEHOLDER

TECHNOLOGY SPECIALIST

801.520.9494



DEANHOUSEHOLDER@GMAIL.COM



LINKEDIN/DEANHOUSEHOLDER



WWW.DEANHOUSEHOLDER.COM



SOUTH JORDAN, UT



SKILLS

>> PROGRAMMING

PHP/JAVASCRIPT/CSS (18 YEARS)

OOP/MVC/REST/AJAX (12 YEARS)

SEO/MARKETING (10 YEARS)

API/WEB SERVICE DESIGN (7 YEARS)

ARCHITECTURE (6 YEARS)

DATA TRANSFORMATION (6 YEARS)

SECURITY (5 YEARS)

>> DATABASE

MYSQL/PGSQL/ORACLE

REPLICATION/CLUSTERING

APPLICATION DESIGN/ARCHITECTURE

>> SYSTEM ADMINISTRATION

APPLICATION SERVER DEPLOYMENT

NETWORKING/LOAD BALANCING/F5

FIREWALL/DNS/WIRESHARK

AWS/CLOUD COMPUTING

PROFILE

Software Developer in PHP/MySQL for over 17 years. Certified Linux Systems Administrator, Systems Architect, Database Architect, Technical Writer, Estimator, 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

WEB DEVELOPER / SYSTEMS ADMINISTRATOR

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

- Architected fast, secure and reliable server-to-server IPSec VPN tunnels.
- Set up server monitoring with dashboard graphing of resource utilization
- Set up MySQL database replication with binary log backups and point-in-time recovery.
- Fixed many servers' broken package tools which could no longer receive updates.
- Set up MySQL database replication with binary log backups and point-in-time recovery.
- Built URL shortening website with API.
- Wrote website scraper for Google Search, Google Maps, and Google Location API.
- Developed many features for ReminderDental.com website including:
 - Robust regex password validation rules system to allow any combination of requirements
 - Dynamic ajax-powered display of calendar appointments
 - Image uploader with code for back-end processing and storage using unique filenames
 - System for displaying page-specific video help tutorials
 - Email-friendly, mobile-responsive email templates
 - Refactored and improved inefficient and verbose code

Technologies used:

PHP, Laravel Framework, MySQL Replication, Apache, CentOS/Ubuntu Linux, Percona XtraBackup, Monitorix, IPFire, pfSense, CKEditor, Git, Jira, BitBucket, VMWare, Camtasia Studio, Asterisk, MailGun, PostMan, jQuery, Bootstrap, FullCalendar

SKILLS

>> TECHNICAL

PHP

Database

Linux

Networking

F5 Load Balancing

Cloud Foundry

Web Scraping

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
- Maintain application uptime by configuring monitoring of services and websites
- Led or contributed to hundreds of architectural discussions to determine the best solution, technology and implementation
- Worked as liaison between Missionary Portfolio and other IT teams to obtain services for the development team
- Created CF Scripts project - A robust set of scripts for working with Cloud Foundry

FREELANCE DEVELOPER

South Jordan, UT / Mar 2015 – Present

- 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.
- 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 (OOP/MVP), MySQL, AJAX, JavaScript, CSS, Web Crawler using Asynchronous CURL requests, REST API calls, User Registration / Management System, jQuery, Chart.js, Message Queuing, Export reports to Excel.
- Project: CLIO Reports – Built an external reporting tool to allow an Attorney's office to allow clients to log in and get updates to their case. Technology includes: PHP, Laravel Framework (OOP/MVC), MySQL, AJAX, JavaScript, CSS, REST API Calls, OAuth2, Authentication, PDF generation, Bulk Email sending.

CHIEF DEVELOPMENT OFFICER

DEVNET, LLC / Gilbert, AZ / Dec 2006 – Jul 2008

- Directed IT department consisting of: web development, systems administration, graphic design, web content, and community manager
- Managed an offshore Indian team of developers, systems administrators, and content editors, on dozens of in-house projects
- Architected all technology decisions and managed all technical projects
- Worked along with developers writing code for websites and internal company tools
- Designed and streamlined network of over 30 Linux servers
- Directed migration of datacenter servers with minimal downtime
- Consulted in SEO and Marketing decisions and implementation strategies

ACHIEVEMENTS

>> LPIC CERTIFIED
SYSTEMS ADMINISTRATOR

>> F5 ADVANCED
IRULE TRAINED

>> ITIL CERTIFIED

>> EAGLE SCOUT

INTERESTS

>> AUTOMATION SCRIPTING

>> OPEN-SOURCE

>> TRAVELING

>> SCUBA DIVING

EXPERIENCE (CONTINUED)

VICE PRESIDENT

Families.com, LLC / Gilbert, AZ / Jul 2005 – Apr 2007

- Co-Founder
- Worked along with another developer writing code for website
- Developed in OOP codebase with custom framework
- Architected the software development decisions
- Researched and led hardware purchases and setup
- Installed and integrated several 3rd party applications
- Acquired other companies and migrated multiple systems, merging users
- Architected complex database systems built for performance and security
- Worked with external API's to retrieve real-time data reports
- Sold for substantial profit

PROJECT MANAGER

Adoption Media, LLC / Tempe, AZ / May 2000 – Dec 2006

- Managed 6 web developers on dozens of projects relating to Adoption
- Developed advanced dynamic websites from scratch in PHP/MySQL on Linux
- Implemented SEO techniques to optimize page rank and traffic
- Built PHP/MySQL websites such as Adoption.com, and Adopting.org, AdoptionInformation.com, FertilityCommunity.com, CrisisPregnancy.com
- Built AdoptionDirectory.com from scratch which makes earned 45k monthly after launch

REFERENCES



HEBER ALLEN

RELATIONSHIP MANAGER

Intermountain Healthcare
801.608.7953
heber.allen@gmail.com



NATHAN GWILLIAM

PRESIDENT

Elevanti
208.252.4233
nathan@gwilliam.com



DAMON MARTINEAU

Senior Programmer

Socious
602.931.2470
damonrm@gmail.com



ERIC JOHANSSON

Owner

Retro Pro
480.330.7698
ericbuilt@gmail.com