

Josh Walton

Lompoc, California

Full-Stack Developer | PHP, Python, JavaScript, Objective-C, Swift

Professional Summary

Full-stack developer with a Computer Science degree and broad experience building LAMP applications, API integrations, internal automation tools, and mobile apps for iOS and Android. Strong background in PHP, Python, JavaScript, MySQL, Linux, and Objective-C, with additional Swift experience. Built and maintained production systems that automate user provisioning, streamline operations, and connect platforms including Jira, Google Workspace, WordPress, Twilio, and Litmos.

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Core Skills

- PHP, Python, JavaScript, jQuery, AJAX, HTML5, Bootstrap, MySQL
- Objective-C, Swift, iOS development, Android app development
- REST APIs, Twilio integrations, Jira integrations, WordPress development
- Linux, Apache, Docker, SSH, rsync, debugging, automated workflows
- PHPUnit, Jest, Python unittest, troubleshooting, system design

Professional Experience

Full-Stack Contractor (Volunteer Jan 2023 – Present)

Sleep in Heavenly Peace (SHP) | Remote | Jan 2023 – Present

Contractor since Feb 2025

- Built a user provisioning and lifecycle management system that reduced account creation time from 8-12 minutes to under 20 seconds, which led to a transition from volunteer work to a contractor role in February 2025.
- Built an email signature generator WordPress plugin to standardize organization-wide signatures, with an admin page for text colors, social media links, department details, phone, email, website, Matto slogan, and logo.

- Developed a member dashboard page with quick resources plus searchable upcoming and past events, delivering a long-requested feature for users.
- Built custom WordPress plugins and modernized existing ones to support volunteer profiles, chapter page integration, photo management, and admin workflows.
- Developed a PHP/MySQL application with Python-based integrations for Jira, Google Workspace, WordPress REST API, and Litmos.
- Automated intake and approval workflows by processing Jira ticket data, provisioning accounts, sending welcome emails, and closing tickets after successful completion.
- Built an admin dashboard for user states, Jira queue management, template editing, metadata settings, and bulk operations.
- Implemented photo upload workflows, EXIF metadata removal, WordPress media handling, and chapter visibility controls.
- Added test coverage with PHPUnit, Jest, and Python unittest, while improving validation, error handling, and logging across the stack.
- Helped modernize and secure a production Linux/Apache deployment supporting a high-value internal operations system.

Full-Stack Developer

VineCrawl.com | Personal Project | Ongoing

- Built VineCrawl.com, a wine discovery platform with a custom web application plus iOS and Android mobile apps.
- Developed the backend and database for storing wine data, user ratings, notes, and application content.
- Created iOS functionality primarily in Objective-C, with Swift capability as needed, and connected mobile apps to backend APIs.
- Built search, filtering, user interaction, and synchronization features across web and mobile experiences.
- Deployed and maintained the platform on a Linux-based web stack.

Software Developer

Lompoc Foursquare Church | Lompoc, California | 2013 - 2015

- Developed an iOS app for church use and worked with staff to define application requirements.
- Designed client and server components to support app functionality and content delivery.
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IT Support

Dale Ekstrum, M.D. | Lompoc, California | 2009 - 2013

- Removed malware and resolved workstation issues for office computers.
- Configured new systems and helped troubleshoot server-related problems. [file:37]

Projects

Mobile Apps Published

- Tic Tac Toe
- Love Notes: Hand Written Notes
- VineCrawl

Education

University of Illinois Springfield | BS, Computer Science | May 2015

GPA: 3.70 [file:37]

Allan Hancock College | Associate, Liberal Arts | May 2012

GPA: 3.58 [file:37]