

## **Tony Adams**

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### **Overview**

Extensive experience in mobile and full stack web software development using open source technologies, SQL, UNIX and Windows shell utilities, release management, version control and issue tracking, including server and cloud configuration and maintenance.

### **Technologies**

Android, AWS, CSS, Docker, Fastlane, Git, HTML 5, iOS, Java, JavaScript, LAMP, Objective-C, Node, NPM, Perl, PHP, Postfix, Python, React, React Native, REST, Ruby, Swift, SPM. Graphics and sound production. BSD, Linux, Core Data, MariaDB, MySQL, PostgreSQL, SQLite, Xcode.

### **Work Experience**

#### **Ascension Technologies**

*Senior Software Engineer* August 2019 to Present

Lead iOS developer for Ascension Online Care including:

- CI/CD (and manual App Store deployment)
- Remote configuration/Live updates
- Unit testing
- Universal Links
- Led migration to native (SPM) third party library management

#### **Yaro**

Chicago, Illinois

*Senior Software Engineer* May 2018 to June 2019

Developed the company's Mobile app (Swift and React Native), including:

- App architecture
- Localization
- Unit and End to End testing
- Incorporated third party source control, user identity management, asset storage and data analytics

#### **Mediafly**

Chicago, Illinois

*Senior iOS Engineer* January 2017 to March 2018

Ongoing improvements and adding new features to the iOS app (Swift and Objective C), including:

- Share extensions
- Universal Links
- Updating web views to take advantage of new Apple frameworks and using Node based testing tools.

- Team code reviewing (git - on Bitbucket and Github)

### **Deskpass**

Chicago, Illinois

*Senior Technologist* February 2016 to January 2017

Updated, enhanced and published the iOS app (Swift)

Developed and published Android app

Deploying software on heterogeneous systems

Ongoing maintenance, troubleshooting and enhancements for the core products using the following technologies:

- Python/DynamoDB (Docker containers - AWS)
- React/Redux
- Ruby/Rails - (Heroku)
- Wordpress (PHP - WP Engine)

### **Cultivate Studios**

Chicago, Illinois

*iOS Development* - June 2014 to January 2016

Developed full life-cycle mobile apps (iOS and Android) for multiple clients.

Led development of the company's first published Android app.

Managed app testing and deployment via Apple's TestFlight and App Store.

Incorporated 3rd Party frameworks for analytics and networking.

Integrated REST APIs (JSON) and debugged server side API issues.

### **AbelsonTaylor**

Chicago, Illinois

*Senior Interactive Developer - Backend* January 2012 to February 2014

Developed full life-cycle interactive mobile apps (iOS and Android) and web sites for multiple clients.

Developed the agency's first app included in Apple's App Store and the its first dual platform - Android/iOS app.

Prepared and deployed iOS apps for internal Mobile Device Management system.

Conducted code reviews, provided mentoring for junior development staff.

Administered version control system (SVN).

Created and administered virtual servers for web application development and testing (LAMP, Windows).

Wrote detailed requirements documentation for clients in a highly regulated industry.

## **Independent Contractor iOS and LAMP development**

*Principal* - July 2010 to January 2012

Procure, configure and maintain VPS (Debian 8 Linux, Apache, PHP etc)  
Developed GiggieBop, an iOS game available at Apple's App Store. Developed the game solo including:

- integrated C++ physics library (Box2D)
- crafted custom interface widgets
- recorded and processed game audio
- designed and maintain mobile optimized web site using jQuery Mobile, CSS 3 and HTML 5.

Maintain osCommerce stores and other websites for online/brick and mortar retailers and B2B concerns.

## **FastWeb.com** (a Monster Worldwide Inc company)

Chicago, Illinois

*Senior Web Developer, Team Lead* May 2007 to July 2010

*Senior Web Developer* June 2006 to May 2007

Led LAMP project team which maintained custom web applications.

Solved hardware resource shortage by building a microsite using legacy server technologies.

Prioritized new feature requests, bug resolution and large new project tasks

Led migration to test driven development.

Served as liaison between business users and development teams.

Initiated a company "Green Team" to address office environmental impacts.

## **Orangeflux Design**

Wheaton, Illinois

*Software Developer* January 2005 to May 2006

Created an online sales and commission tracking system.

Created graphics and internal tools and client communication utilities.

Developed custom content management utilities for web sites and automated HTML email.

Developed user friendly web based file exchange utility to solve problems transferring large files

Configured and maintained several third party web applications to solve various issues such as mailing lists, and customer communications (PHP, MySQL).

Deployed and maintained internal systems for file sharing, backup, print serving and SCM.

**Independent Contractor, LAMP**

Chicago, Illinois

*Software Developer* November 2003 to January 2005

Created graphics as needed for web sites including both original graphics as well as modifying the graphic work of others for new uses such as web banner advertisements.

Added e-commerce capabilities using osCommerce, designed and built a server back-up and fail-over system for an independent record label.

Developed interface and database search tools for an educational web site.

Wrote course materials for a Database Management Systems course (SQL).

Developed modules for an extensive online testing system (PHP).

**Insignis Inc.**

Chicago, Illinois

*Systems Engineer* November 2001 to November 2003

Ported Java system to .NET(C#).

Designed, developed and deployed console, desktop and web applications.

Developed, deployed and maintained installation system – drove process change and automated a previously manual system.

Wrote extensive developer and end user documentation.

Managed development environments, including database management systems, version control and issue tracking systems including DBA responsibility.

Debugged SQL scripts, stored procedures and functions for critical production environments.

**L90 Inc.**

Chicago, Illinois

*Software Engineer* January 2001 to August 2001

P3P compliance engineer – built XML privacy policies, compact policy. Modified software to comply with specification, documented situation for legal and marketing departments.

Migrated large database system from a Sun machine to Linux cluster, freeing up needed resources and saving the company a great deal of money.

Developed two SQL database monitoring tools that detect and repair problems, log issues and send notifications.

Wrote software to replicate database tables across incompatible platforms.

Installed, administered and maintained multiple database instances.

Troubleshoot and resolve systems maintenance issues as they arise.

**onShore Development Inc.**

Chicago, Illinois

*Software Developer* April 2000 to January 2001

Developed, coded and tested LAMP applications.

Built modules that generate dynamic client side code: html, CSS and JavaScript, which met exact specifications of the design team.

Configured and maintained web servers for both test and live instances of web applications using Apache.

Database application development on UNIX and Windows.

Kept all working projects up to date and synchronized with other developers on the team.

Designed an application release and management system for a major client.

Worked with clients to clarify business needs and determine the most efficient solutions.

Directed software testers, wrote and edited code documentation.

**Education**

**Northwestern University** Evanston, Illinois

Master of Arts, English

**University of Illinois** Urbana, Illinois

Bachelor of Arts, English, minor in Journalism and History