

# Tom Stovall

Software Engineer, Acquia Certified Developer & Author  
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## PUBLISHED WORKS:

### Drupal 7 Mobile Web Development Beginner's Guide

by Packt press (ISBN-13: 978-1849515627)

## CERTIFICATIONS:

**Acquia Certified Drupal 8 Site Builder**  
**Acquia Certified Drupal 8 Developer**

## EXPERIENCE:

### Universal Music FEB2019 - SEPT2019

**Address:** 21301 Burbank Boulevard • Suite 140 • Los Angeles, CA 90025

**Supervisor:** Doris Aves

Build out a PHP-based content API using RESTful exports and Amazon ElasticSearch, Redis, and MySQL/Aurora RDS. Created testing suite (PHPUnit) using Docker hosting environment Jenkins CI/CD pipeline. Debug JSON responses to REACT module requests. Build out new RESTful endpoints and content workflows as necessary. Create REACT front end components to consume Drupal RESTful services API as well as end-to-end automated testing. Began conversion from D7 to D8 and recreation of the D7 API in D8. Built out orchestrated “decoupled” micro service architecture and deployment system based on Docker-compose then Kubernetes (both EKS and Google Cloud). Authentication using Azure Active Directory/LDAP and WebAuthN. Integrated WordPress API exports as well as ElasticSearch data into the micro-service ecosystem. Built-out Node-based (Typescript) API and gateway with authenticated web requests throughout the micro-services using WebAuthN certificates.

### RealtyMogul.com NOV2017 - OCT2018

**Address:** 10780 Santa Monica Blvd • Suite 140 • Los Angeles, CA 90025

**Supervisor:** Dustin Currie

Build out a Drupal decoupled API using RESTful exports. Created testing suite (PHPUnit) using Docker hosting environment. Debug JSON responses to REACT module requests. Build out new RESTful endpoints and content workflows as necessary. Create REACT front end components to consume Drupal RESTful services API as well as end-to-end automated testing. Began conversion from D7 to D8 and recreation of the D7 API in D8. Built-out two-way migration between Wordpress and Drupal.

### Legacy.com APR2016 - OCT2017

**Address:** 820 Davis Street, Suite 210 • Evanston, IL 60201 • 847-570-7284

**Supervisor:** Mark Castrovinci

Maintain Drupal decoupled API using RESTful exports. Created testing suite (PHPUnit) and rollout automation using both Acquia and Pantheon Drupal hosting environments. Debug JSON responses to REACT module requests. Build out new RESTful endpoints and content workflows as necessary. Create REACT front end components to consume Drupal RESTful services API as well as end-to-end automated testing. Began conversion from D7 to D8.

### ANKI, inc NOV2014 - MAR2016

**Address:** 55 Second Street, San Francisco, CA • 415.670.9488

**Supervisor:** Tom Eliaz

Maintain Drupal marketing and commerce site using standard LAMP stack and Acquia's drupal hosting product. Develop, host and maintain a MEAN ( MySQL / Express.js / Angular.js / Node.js ) web-based account system for all Anki games. Hosted it with CI using TeamCity-Grunt-Yeoman automated builds and Karma/Jasmine based testing. Integrate account system with iOS App using Objective C and Swift. Moving toward a "headless Drupal" model where front end is ReactJS/Flux and backend is Drupal 7/8 served by Phip 5.6/7.0x. Integrate magneto Ecommerce website with Drupal 7/8 using Magento's REST API.

## **Apigee, Inc. (now part of Google)** NOV2011 - APR2014

**Address:** 10 South Almaden Avenue, San Jose, CA 95113

**Supervisor:** Mike Gardner

As a developer with 15 years of experience I inherited a PHP—based Drupal 6 product poorly architected and minimally maintained. I Architected a PHP-based Drupal 7 migration and Created, Managed, Maintained and Upgraded 100+ Drupal-based developer portal websites eventually leading a team of 10 developers. We originally launched on AWS-based servers and managed them via Puppet scripts and a Jenkins instance. We then migrated to Pantheon's Drupal cloud hosting solution. Created open-source PHP-SDK to access API Management Product to Create, Manage and Monetize REST APIs with node.js integration. We also explored Jekyll-based solutions to developer portal and integration with compiled HTML as well as a couple of Node.js CMS options.

**Sites:** [apigee.com](http://apigee.com), [dev.target.com](http://dev.target.com), [developer.sears.com](http://developer.sears.com), [developer.associatedpress.com](http://developer.associatedpress.com), [developer.vodafone.com](http://developer.vodafone.com), [developer.take.io](http://developer.take.io), [developer.staples.com](http://developer.staples.com), [adobe-pass.apiportal.apigee.com](http://adobe-pass.apiportal.apigee.com), [developer.yesmail.com](http://developer.yesmail.com), [developer.infoconnect.com](http://developer.infoconnect.com)

**Keywords:** Drupal, PHP 5.x, MySQL, Linux, Drupal distribution, D7, D8, Puppet, Bash, Jekyll, Node.js

## **REI Systems, Inc** APR2010 - OCT2011

**Address:** 45335 Vintage Park Plaza, Sterling, VA 20166

**Supervisor:** Amit Yedev

Architected, Developed, managed and maintained Drupal-based websites for federal government contractor.

**Sites:** [performance.gov](http://performance.gov), [paymentaccuracy.gov](http://paymentaccuracy.gov), [data.gov](http://data.gov)

**Keywords:** Drupal, PHP 5.x, MySQL, Linux, D6, D7

EDUCATION:

1991

**Bachelor Of Computer Science**

Trevecca University, Nashville, TN