

Andrew J. W. Affleck

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SUMMARY

Senior DevOps Manager and Senior Project Manager who achieves positive results by building and leading successful, motivated teams. Great at empowering and supporting teams in accomplishing goals and adapting to external changes without adversely affecting morale and productivity. Consistently produce successful project delivery and stable systems with maximum uptime within schedule and budget.

CORE COMPETENCIES

DevOps

- AWS architecture design and development
- Full stack System Administration in AWS and conventional LAMP environments
- Implement monitoring & analytics tools
- Security Analysis, Planning & Implementation

Project Management

- Agile, Waterfall, RUP, Scrum methodologies
- Full PMI & SDLC Project Lifecycle Management
- Infrastructure Migration
- PMO Building, Reporting, & Analytics
- Government project experience; Held OPA Certificate of Public Trust.

Development

- iOS/Android UI/UX Design
- Wire-framing, Prototyping, Usability Testing
- Responsive & Accessible Web Design
- PHP, Javascript, JQuery, Python, shell scripting
- GitHub/BitBucket
- WordPress Theme/Plugin Development
- Custom code for APIs
- Database Design/Development

Management

- Extensive experience managing large and small teams
- Effective manager of and collaborator with remote, multi-site and geographically dispersed teams

PROFESSIONAL EXPERIENCE

Senior Systems Manager, Intermarkets, Inc., Reston, VA (Remote from Cranston, RI) 2014 – 2018

- System Admin and Web Developer for multiple high-profile sites/apps ranging from WordPress content sites to a custom petition platform to a Facebook game.
- Led migration of all hosted sites from conventional Linux-based hosting to Elastic Beanstalk Applications running in Amazon Web Services (AWS) saving the company well over \$3K per month.
- Optimized and improved code and system administration of one site to increase maximum load from 1,400 simultaneous users to over 40,000 simultaneous users (and counting).
- Additional enhancements have led to savings of multiple thousands of dollars per month in hosting fees due to reduction in CPU load and bandwidth needs.
- Designed and developed themes for two sites making sites responsive, accessible, leaner, and faster.
- Developed multiple in-house WordPress plugins to easily share common code between sites.
- Managed a team of two system administrators/developers.
- Developed and managed on-call schedule.
- Innovated effective dynamic instance scaling in AWS for automatic response to increases in user load.

Senior Director of Development, Ozmott LLC, Traverse City, MI (Remote from Cranston, RI) 2011 – 2014

- Hired and led 7-person iOS, Android, UI/UX, and back-end server development and testing team and led this small, agile team to a successful 1.0 launch of retail-centric iOS/Android application.
- Managed all subsequent requirements gathering, functional requirements generation, UI/UX, wire-framing, and prototyping saving the company money by not requiring designers or business analysts.
- System administrator for the backend & WordPress developer for corporate website.

Senior Project Manager, Collabera/Accenture contracted to Pfizer, Inc., New London/Groton, CT 2010 – 2011

- Microsoft EPM P11 to P12 Migration: Led large matrix team (15 people) across major IT divisions within Pfizer plus external off-shore team in upgrading one of the world's largest installations of Microsoft EPM 2003 (P11) to 2007 (P12). \$1M Project consistently on time and completed under budget by \$10K.

Senior Project Manager, Atlas contracted to Merck & Co., Inc. Boston, MA 2009 – 2010

- External Collaboration File Transfer: Delivered solution to problem of supporting large file transfer into

and out of Merck to its external partners crossing many verticals including Molecular Profiling Research Informatics, External Basic Research, Global Technology Services, and Delivery Services.

- High Performance Cluster Project: Successfully delivered multi-million-dollar high performance Linux compute cluster for molecular profiling research through procurement, build-out, testing, and deployment.
- Rosetta Migration Project: Completed a successful migration of all IT assets for large molecular profiling research team from Seattle, WA to Boston, MA (staff) and Charlotte, NC (IT assets) with smooth transitions, minimal downtimes, and high customer satisfaction.

Senior Project Manager, SAIC contracted to Pfizer, Inc., New London/Groton, CT

2006 –2009

- Research & Development Medical Informatics PMO: Excelled in triple role as a Senior Project Manager, a Project Manager Mentor, and as founding member of the Program Health Reporting team. Regularly stood in for Operations Managers overseeing portfolio of over 300 cost-reduction projects with a value of \$265M reducing Pfizer's annual operating budget by \$132M over three years. This team expanded to add an additional \$114.7M in Research and Development projects in 2008.
- Program Health Reporting Team: Achieved greater insight into program health by implementing reporting system for project managers utilizing SharePoint, Excel, and Access enabling faster reporting, greater compliance, and automated report generation.
- Project Manager Mentor: Mentored around 20 project managers in the Pfizer Enterprise LifeCycle (ELC) and portfolio server and was their point person for any project issues or questions.
- Senior Project Manager: Successfully completed three overlapping projects (infrastructure migration and application development-based) while rescuing a fourth, replacing the original project manager.

EDUCATION

- Master of Education (Ed.M.) Technology in Education Program: Harvard Graduate School of Education.
- Bachelor of Arts (A.B.) Computer Science Major, Education Minor: Dartmouth College.

INDUSTRY WRITING & SPEAKING

- Book: "Take Control of Podcasting on the Mac" (ISBN: 1-933671-06-8, Take Control Books, *(Published & Updated 2005–2016)*. <www.takecontrolbooks.com/podcasting-mac>.
- Article: "When Should We Introduce Social Media to Kids?" in TidBITS <tidbits.com/article/11633> (2010). Featured in NPR article <www.npr.org/2011/07/11/137670547/social-networks-thinking-of-the-children>.
- Article: "Podcasting: The People's Radio" in TidBITS, interviewed Podcasting co-creator Dave Winer on his role in podcasting's origins <tidbits.com/article/7986> (2004).
- Regular contributor to TidBITS <db.tidbits.com/author/Andy%20Affleck> (1994-Present).
- Speaker at #140Conf Hudson Valley on "When Should We Introduce Social Media to Kids?" <hv2011.140conf.com> (2011).
- Guest Lecturer on Project Management to a PM Class at Johnson & Wales, Providence RI (2011).
- Presenter at New Media Expo, Las Vegas, NV on "Practical Podcasting with GarageBand" (2008).
- Speaker "Usable Accessibility in On-Line Learning," GSA Opens Doors to IT for Section 508 Coordinators, Gettysburg, PA. Presented white paper on accessible e-learning (2004).
- Panelist, IDEAS 508 Conference, "How Open Source Software Benefits Accessibility" (2004).

VOLUNTEERING & SERVICE

- Executive Director, Swamp Meadow Community Theater (2018–Present).
- Webmaster for Dartmouth Alumni Club of Rhode Island (2016–Present).
- Webmaster & Alumni Council Representative for my Dartmouth Class (2010–Present).
- Actor, Director, & Tech Director, Swamp Meadow Community Theater (2010–Present).
- Dartmouth Admissions Interviewer (2008–Present).
- Den & Scout leader, Boy Scouts of America (2006-2014).