

# Derek Arnold

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## Experience

### JAMF Software

Minneapolis, Minnesota

*Software Engineer II, Oct 2015 - Present*

- Help transition a legacy Java Server Page front-end application to AngularJS
- Implement SystemJS, AngularJS components, Foundation for Apps
- Work remotely with a development team based in Minneapolis and Katowice, Poland
- Iteratively improve delivery team procedures to deliver high quality software deployed in thousands of customer environments, managing millions of Apple devices
- Participate in an Agile/Scrum work environment
- Test using ngMocks-based unit tests and Protractor integration tests
- Collaborate with other departments, such as UX and Test Automation, to integrate with new front-end development technology

### MedNet Solutions

Minnetonka, Minnesota

*Web Software Engineer, Jul 2015 - Oct 2015*

- Performed development on a SaaS PHP eClinical product subject to strict regulatory controls
- Implemented new features and functionality on a custom-developed, in-house MVC library

### The Integer Group

Des Moines, Iowa

*Senior Web Developer, Jun 2012 - Jun 2015*

- Collaborate with the Director of Development in the architecture of new projects
- Build promotional projects for national clients, such as Michelin and Pella Windows
- Optimize databases and legacy database code to meet changing scalability requirements
- Collaborate with art directors and designers in the execution of creative web campaigns using both front-end and back-end technologies
- Write custom, ground-up PHP/MySQL applications for small to large promotions and products
- Utilize current HTML, CSS, and Javascript patterns to deliver cutting-edge websites for clients
- Incrementally improve in-house project management, proofing and time-management tools
- Coordinate with analysts to ensure every project is instrumented and measurable for performance

## Webspec Design

Urbandale, Iowa

*Web Developer, Oct 2011 - Jun 2012*

- Implement custom designs for custom websites for area clients utilizing Wordpress
- Meet with both project managers and clients to finalize details of projects
- Assist in kicking off internal revision control processes
- Develop user interfaces for disparate projects using HTML, CSS, and Javascript, as well as custom PHP development

## Dealerbuilt

Mason City, Iowa

*Developer, Aug 2006 - Sep 2011*

- Maintain Ubuntu Linux and FreeBSD systems
- Configure, tune, and maintain PostgreSQL servers
- Create PL/pgSQL functions to convert third-party data to native schemas
- Produce various Python scripts to streamline ETL and systems administration
- Create one-off customer-facing small web applications using Python and PostgreSQL

## Personal Projects

[twitter.com/cahxiесе](https://twitter.com/cahxiесе)

Automated fake book generation, with cover art.

[twitter.com/gorillacities](https://twitter.com/gorillacities)

Automated, random cityscapes generated using an adapted Python script using the same algorithm as the old Windows Gorillas game.

[github.com/lysol](https://github.com/lysol)

Various other personal and toy development projects

## Technical Skills

Bash, CSS, LESS, SASS, HTML, Grunt, Gulp, Typescript, JavaScript, jQuery, node.js, Java, Python, PHP, MySQL, PostgreSQL, Redis, SQLite, Apache, Nginx, Lighttpd  
Ubuntu, Debian and other Linux server environments  
Photoshop, Illustrator, ffmpeg, SoX, Audacity, Imagemagick

## Education

Bachelor of Science, Information Technology Management  
*Graduated 2004, Hamilton College, Mason City, Iowa*

Associate of Applied Science, Web Development  
*Graduated 2002, Hamilton College, Mason City, Iowa*