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Zachary P. Kotlarek

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Education:

Master of Engineering in Information Assurance & Computer Engineering

[Iowa State University](#)

Master of Business Administration

[Iowa State University](#)

Bachelor of Science in Computer Engineering

[Iowa State University](#)

Computer Experience:

I have at least 4 years experience with all of the following:

Languages:

Perl, PHP, C, SQL, C++, Java, HTML, JavaScript

Environments:

Macintosh OS, MS Windows, Linux, FreeBSD, *NIX, TCP/IP networking, AppleTalk networking

And Programs:

PostgreSQL, MySQL, Asterisk, Apache, openLDAP, Postfix, Samba, QEMU, VMWare, gcc, LaTeX

I have considerable expertise in Linux, including the design and maintenance of my own distribution — [Zinux Linux](#). Zinux is based on the [Linux from Scratch](#) project, but has been greatly customized and extended for my own requirements. Most significantly, I have created an automatic build system that makes from-source installation of the entire OS a simple and speedy process. Zinux includes a complete set of standard Linux tools, a variety of Internet and network servers, and even a live CD for easy installation and emergency use.

I have also contributed patches or other code for several open-source projects including [clamdmali](#), [gmail-ldap](#), and [dovecot](#), (all in C) written several [WoW](#) addons including [AcceptDailies](#), [AutoGroupFriends](#), and [TurnInEverything](#) (all in LUA) and have completed a variety of unpublished personal programming projects such as a hybrid Bluetooth/GPS multi-user [location tracker](#) that includes both web (PHP, PgSQL) and BlackBerry (Java) components, and a web-enabled, multi-zone, scheduled, proximity-sensing, weather-aware [thermostat](#) (C, PHP, Perl, Bash, PgSQL).

Work Experience:

August 2011-Present

[F5 Networks](#)

Seattle, WA

Software Engineer III

At F5 I work on the Rapid Development Team supporting and developing for current and historical versions of the TMOS platform and various other F5 products. My typical duties include both code and configuration-based solutions for field-discovered issues with deployed systems, bug fixes, and new feature development.

2006-August 2011

[Dice, Inc.](#)

Urbandale, IA

Integration Engineer

As an integration engineer for Dice I have performed a variety of programming tasks, including the specification, design and implementation of both internal and external monitoring programs, web spiders to collect job postings and sales leads, and many smaller projects across almost all departments. My work is primarily in Perl, but often includes projects in PHP and SQL, and sometimes in Java and C. I make daily use of many web technologies including HTTP transactions, SOAP, and JavaScript. I have also provided both maintenance and new development for [ClearanceJobs.com](#) and [JobsInTheMoney.com](#), including new interactive and batch job loading interfaces via SOAP and email. In this position I supervise several part-time developers.

2002-2011

[Cynic by Trade, LLC](#)

La Crosse, WI

President

In 2002 I created a computer consulting company to provide comprehensive technology support to small business. We provide computer sales and service, server, network, and end-user support, and custom programing, integration, and automation services — essentially the same services that an in-house IT and development staff would provide, but without the ongoing expense of full-time employees. In this position I directly manage 1 full-time and 2 part-time employees.

2005-2006

[Palisade Systems, Inc.](#)

Ames, IA

Software Engineer

As a software engineer for Palisade Systems I continued my contributions to the company's line of network security products, including ScreenDoor and PacketSure. I designed and coded many parts of the products' configuration and reporting interfaces in C, Perl, PHP, Flash, HTML and SQL, and assisted with testing and debugging of the products as a whole. I also designed and maintained several data tracking and integration systems for Palisade's internal use in manufacturing, marketing and accounting.

Employer References:

Nancy Fee
Principal
3P Administrators

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Dave Rush
Development Manager
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Doyle Groves
Integration Engineering Manager
Dice

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