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Zachary P. Kotlarek

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Education:

- Master of Engineering in Information Assurance**
[Iowa State University of Science and Technology](#) Expected Completion: December 2011
- Master of Business Administration**
[Iowa State University of Science and Technology](#)
- Graduate Certificate in Information Assurance**
[Iowa State University of Science and Technology](#)
- Bachelor of Science in Computer Engineering**
[Iowa State University of Science and Technology](#)

I have at least 5 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, Apache, qmail, Postfix, openLDAP, gcc, Samba

Computer Experience: 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 [clamdmail](#), [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[AcceptDailies](#), [AutoGroupFriends](#), and [TurnInEverything](#) (all in LUA) and have completed a variety of unpublished personal programming projects such as a hybrid BlueTooth/GPS multi-user [location tracker](#) that includes both web (PHP, PostgreSQL) and BlackBerry (Java) components, and a web-enabled, multi-zone, scheduled, proximity-sensing, weather-aware [thermostat](#) (C, PHP, Perl, Bash, PostgreSQL).

July 2002-Present [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 staff would provide, but without the expense of dedicated staffing. In this position I directly manage 1 full-time and 2 part-time employees.

May 2006-Present [Dice, Inc.](#) Urbandale, IA
Work Experience: Integration Engineer

As an integration engineer for Dice I have performed a variety of programming tasks, including the design and implementation of both internal and external monitoring programs, web spiders to collect job postings and sales leads, and many smaller projects. My work is primarily in Perl, but often includes lesser amounts of PHP, HTML, JavaScript and SQL. I have also provided both maintenance and new development for [ClearanceJobs.com](#) and [JobsInTheMoney.com](#), including new job loading interfaces via SOAP and email.

June 2005-May 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:

Larry Curry Facilities Manager Department of Music 141 Music Hall Iowa State University Ames, IA 50011-2180 Phone: (515) 294-4735 Email: lcurry@iastate.edu	Dave Rush Development Manager Palisade Systems, Inc. 400 Locust Street, Suite 700 Des Moines, IA 50309 Phone: (515) 296-3778 Email: drush@palisadesys.com	Doyle Groves Integration Engineering Manager Dice 4101 NW Urbandale Dr Urbandale, IA 50322 Phone: (515) 313-2143 Email: doyle@dice.com
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