

ERIC POLERECKY

OVERVIEW

I am a strong developer in both .NET and PHP with a concentration on web applications. I also have a strong networking background; I entered development through infrastructure architecture, building highly available web applications.

I am currently entrenched in a large government project developing an ASP.NET 3.5 MVC, ArcGIS JavaScript API (dojo-based) public facing web application. I am also developing, for clients, a large CodeIgniter, PHP5, jQuery automotive portal. Lastly, I love to play with Facebook Connect, OAuth, OpenID, Adobe Air and Twitter.

EXPERIENCE

Owner

Technology Aces – (October 2007 - Current)

- ♣ Technology Aces is an IT consulting and staffing company specializing in Web Application Development (.NET/PHP) and Oracle Infrastructure Management. We provide long term staffing augmentation; project based consulting and cost efficient remote development. Our clients include: Oakland County Michigan, Team Detroit and RingSide Creative
- ♣ Lead Consultant - Lead team of consultants to provide onsite support for a multitude of systems and technologies including but not limited to: Linux, Apache Tomcat, IIS 5/6/7, Microsoft SQL Server, Oracle Application Server 10g (IAS), Oracle RAC 10g, ASM, OCFS2, Oracle Grid Control, XioTECH Magnitude SANs, Oracle RMAN, ASP.NET, VB.NET, Windows Mobile Development, MS SQL, AJAX, Crystal Reports, SiteMinder
- ♣ Chair member – Oakland County Application Development Standards Committee
- ♣ Lead Developer – OakMap (Map based parcel interface) utilized .NET Framework 3.5, ASP.NET MVC, AJAX.NET, LINQ, ArcGIS Server, ArcSDE, SQL 2005, Dojo Toolkit, ArcGIS JavaScript API
- ♣ Lead Developer – Oakland RideShare (Map based community savings program) utilized .NET Framework 3.5, ASP.NET MVC, AJAX.NET, LINQ, ArcGIS Server, ArcSDE, SQL 2005, Dojo Toolkit, ArcGIS JavaScript API
- ♣ Technical Architect, Lead Developer – Oakland County Web Service Security Protocol – Designed a system and supporting technology, based on OAuth, to provide security including authorization, authentication and encryption for all current and future web service endpoints.

Lead Web Application Developer

Oakland County via TEKsystems / OMNI – (October 2006- October 2007)

- ♣ Developer: ASP.NET, VB.NET, Windows Mobile Development, MS SQL, AJAX, Infragistics, SiteMinder

- ♣ Lead Developer – OakDocs (Paperless court system) utilized ASP.NET, Web Services, AJAX design patterns, Prototype, AJAX.NET, MSSQL (schema design and stored procedures), SiteMinder Integration
- ♣ Technical Architect, Lead Developer – ENS (Emergency Notification System) utilized ASP.NET, Web Services, AJAX design patterns, Prototype, AJAX.NET, MSSQL (schema design and stored procedures), SiteMinder Integration
- ♣ Lead Developer – Mobile GIS prototype utilized ArcGIS Mobile SDK, PocketPC SDK, Web Services
- ♣ Chair member - Application Development Standards Committee
- ♣ Technical Architect, Lead Developer - .NET Web Application Framework; a comprehensive template designed to jumpstart .NET development, enforce naming convention, provide a common data access DLL, cross platform JavaScript library, web service and presentation layer
- ♣ Develop custom reports using Crystal Reports for a variety of Oakland County offices
- ♣ Support, Configure and Manage Meteorlogix MxVision WeatherSentry; a sever weather tracking and alerting application powered by a direct satellite feed from National Weather Service
- ♣ Lecturer for Oakland County Brown Bag Series: Presented topics including “Introduction to Dojo The JavaScript Toolkit” and “Introduction to SubSonic The Zero Code .NET Database Access Layer”

**Owner / Developer / Project Manager
Quicom Internet Services – (March 2001-November 2007)**

- ♣ Developer: ASP, PHP 4/5, Pear, SQL, MySQL 4.1, AJAX, Yahoo! Maps API, Prototype, Script.aculo.us Web Services (SOAP, REST, JSON)
- ♣ Develop corporate web presence & Reservation System for Oakland Air PTK utilized PHP + Pear, MySQL and AJAX design patterns (www.oaklandair.com)
- ♣ Develop corporate web presence & member only blog for Mastholm utilized PHP + Pear, and MySQL (www.mastholm.com)
- ♣ Develop real estate leasing management application for Redico utilized PHP + Pear, and MySQL
- ♣ Develop corporate web presence for Pomeroy Investment Corporation utilized PHP + Pear, MySQL and Yahoo! Maps API (www.pomeroyinv.com)
- ♣ Install and support Red Hat Enterprise Linux v3 (security, patches, firewall, Apache)
- ♣ Install and configure iptables based firewall (APF)
- ♣ Email server administration (sendmail, MailScanner, MailWatch, RBL)

Infrastructure Architect

Lason – (June 2004 - October 2006)

- ♣ Install, deploy and manage VMware ESX Server and VirtualCenter
- ♣ Install, deploy and manage 100+ Citrix MetaFrame XP Presentation Servers as VMware virtual server nodes
- ♣ Install, deploy and manage RSA Authentication Manager (ACE) Server to create Single Sign On (SSO) solution for remote workers allowing them to use Active Directory accounts for authentication
- ♣ Use PHP, VB.NET and MSSQL 2005 to program a web portal system for remote IT staff to manage the global LDAP provider (Active Directory) Users, Groups, and Organizational Units from local offices
- ♣ Created a process and oversaw the upgrade of the corporate LDAP directory (Active Directory 2000), 800+ Windows 2000/2003 servers and 5000+ Windows XP workstations, to Active Directory 2003
- ♣ Coordinated LDAP directory migrations from Novell, Windows NT and Active Directory to corporate directory Active Directory 2003 global forest for 40 remote offices
- ♣ Managed 35+ Server Citrix MetaFrame XP server farm including server builds, access control, publishing and resource utilization trending
- ♣ Manage Corporate Active Directory Infrastructure of 40 remote locations, 5000 user accounts
- ♣ Perform regular audits to ensure corporate (EIM) Enterprise Identity Management strategy across multiple LDAP providers (Novell eDirectory, Active Directory) conform to HIPAA requirements
- ♣ Install, deploy and manage multi-site implantation of WSUS Windows Server Update Services
- ♣ Use PHP and SQL to program a web based ticketing system, that included LDAP Single Sign on functionality (Active Directory)
- ♣ Program an account activity monitoring service to track, disable, log and alert management of inactive Active Directory accounts using VB.NET
- ♣ Develop tools in VB.NET, COM+, Perl to aid in the importing and management of account information from a variety of data providers, Novell Netware, MSSQL, MySQL and Excel, into LDAP providers (Novell eDirectory, Active Directory) as part of (EIM) Enterprise Identity Management strategy
- ♣ Work closely with the Development team to ensure that secure programming guidelines are followed

Database Administrator

General Motors via Main Street Technologies – (March 2004 –April 2004)

- ♣ Update SQL standard operating procedure documentation
- ♣ Support 24/7 MS SQL 2000 Servers
- ♣ Design database schema
- ♣ Program Stored Procedures

**Network Manager, Database Administrator. Programmer
RE FormsNet – (February 2003 – March 2004)**

- ♣ Design, Implement and Support 24/7 Application Service Provider Server Farm (Windows)
- ♣ Support Windows 2000 web server cluster
- ♣ Install and support Citrix on Windows 2000
- ♣ Upgrade corporate Active Directory to Active Directory 2003
- ♣ Upgrade and migrate users from Exchange 5.5 to Exchange 2003
- ♣ Install redundant T1 circuits on CISCO Switches
- ♣ Upgrade network to Managed CISCO Switches implementing SNMP network monitoring
- ♣ Install and support reverse proxy servers on FreeBSD using Apache
- ♣ Support Checkpoint Firewall 4.1 on Windows NT
- ♣ Install and support Dell NAS on Windows Storage Server 2003
- ♣ Install and support WatchGuard V60 Firewalls
- ♣ Install and support Fortigate Firewall
- ♣ Install and support Red Hat Enterprise Linux v3 (security, patches, firewall, Apache)
- ♣ Manage DNS using Bind 9 on Red Hat Enterprise Linux v3
- ♣ Install and support SurfControl Web and Content filtering servers
- ♣ Program custom mail application to manage 250,000 user email database in PERL
- ♣ Package software applications using WISE
- ♣ Program SQL Stored Procedures (T-SQL)
- ♣ Monitor Database and Web Server performance and capacity to ensure 24/7 operation
- ♣ Responsible for Disaster Recovery Policies and Procedures including testing of policies

**Database Administrator, Development Support, Network Engineer
J. Walter Thompson – (February 2001 – February 2003)**

- ♣ Design, Implement and Support 24/7 Server Farm (FreeBSD/Unix)
- ♣ Support FreeBSD 4.7 web server cluster and reverse proxy
- ♣ Install and support proxy servers on FreeBSD Unix using Apache and mod_proxy
- ♣ Install and support and manage Apache Tomcat
- ♣ Migrate 1000 end users from Novell Netware 4.1 to new (EIM) Enterprise Identity Management strategy (LDAP provided by Microsoft Active Directory)
- ♣ Develop scripts in Perl to aid in the importing of account information from Novell Netware 4.1 into new (EIM) Enterprise Identity Management strategy (LDAP provided by Microsoft Active Directory)
- ♣ Install and support MS SQL 2000 Database Cluster in 24/7 environment
- ♣ Monitor Database and Web Server performance and capacity to ensure 24/7 operation

- ♣ Manage SAN (XIOtech) including installation trouble shooting and support of LUNS, Fiber cards and switches (Brocade)
- ♣ Develop scripts in Perl to migration 1.5TB of user data from multiple Novell, Mac and Windows Servers to XIOtech SAN
- ♣ Support Checkpoint Firewall 4.1 on Solaris
- ♣ Support Lotus Notes throughout world wide enterprise
- ♣ Manage DNS using Meta IP Enterprise, Microsoft DNS Services and Bind 9
- ♣ Support United States remote offices with VPN, Active Directory or related issues
- ♣ Support over 125 local Windows, Novell, Unix and Mac servers
- ♣ Implement SNMP network monitoring to ensure 24/7 operation

Network Engineer / Developer

J. Walter Thompson – (May 2000 – February 2001)

- ♣ Developer: ASP, CSS, Visual Studio
- ♣ Program websites in ASP (fordvehicles.com, fordoutfitters.com, whitecastle.com)
- ♣ Programmed department intranet on Red Hat Linux, PHP and MySQL
- ♣ Install and support 5 SQL 2000 Servers

Network Engineer II

RDA Group – (May 1999 – May 2000)

- ♣ Support File and Print servers on Windows
- ♣ Support 250 local users
- ♣ Support HP/UX
- ♣ Manage Backup on Backup Exec

EDUCATION

Oakland Community College

Attended classes in preparation for Associate Degree

AFFILIATIONS

ISSA (Information Systems Security Association) Member

REFERENCES

Available upon request