

Matthew Jezorek

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Objective

To further my experience in the field of computer technology and security, I am pursuing more challenging and rewarding work in the field of Information Security as well as fulfill the criteria and experience required to become an advanced network, and application security practitioner.

Experience

Director of Systems Management at Market America, Inc.

October 2010 - Present

- Lead a team to implement enterprise monitoring of both the systems and applications so that we could be proactive in our approach.
- Drive the design and implementation of new architecture for scalable and highly available applications in order to minimize downtime.
- Responsible for the uptime, performance and stability of systems and networks.
- Implemented and Designed solutions for PCI Compliance including limiting the scope of our cardholder environment dramatically so that we could be in compliance.
- Developed solutions for the secure storage and backups for sensitive data.
- Designed and lead a team on the replacement of credit cards with a token solution so that actual credit card numbers are not required to be known by employees.

Network Security Analyst at Market America, Inc.

December 2009 - Present

- Responsible for penetration testing and analysis from white/grey/black hat situations in order to test real world attacks against our network and applications.
- Security based code reviews on our web applications including the assessment and exploitation of vulnerabilities in our application stack.
- Documentation of all testing methods and results including remediation recommendations.
- Worked with various security applications and tools to create and monitor IDS rules and alerts.
- Management and deployment of vulnerability scanning and assessments leading to remediation.
- Manual assessments of reported vulnerabilities.
- Worked to associate risk to threats in order to make sure we are prioritizing correctly.

Systems Architect at Market America, Inc.

September 2008 – October 2010

- Implementation of 3 IBM P-Series machines with LPAR technology for our database software.
- Troubleshoot and correct performance and application problems.
- Worked on developing a plan to virtualize our environment to increase performance and capacity.
- Designed reporting standards for capacity planning, downtime, error handling and trending.
- Worked on event correlation in order to better understand the systems.
- Designed backup solutions to make sure that all data was backed up quickly and efficiently.

- Determined resource allocation in both VMware and LPAR technology for our development, test, and production environments.

Applications Architect at Market America, Inc.

September 2006 – September 2008

- Gathering and dissemination of technical and business requirements for various projects.
- Develop a strong architecture that would scale for our business applications.
- Lead development in order to maximize code efficiency and to meet the standards that have been created for application design and development.
- Participated in the creation and evolution of our development standards and development lifecycle.
- Designed and implemented an in-house automated code review tool so that our code review team could focus more on functional problems than searching for standard violations.
- Peer reviewed code in order to find functional or performance problems.

Lead Applications Developer at Encompass Web Systems, Inc.

December 2005 – September 2006

- Lead a small group of developers on the development of a hosted Content Management System.
- Worked around scalability problems by refactoring code so that it would scale more efficiently.
- Implemented security around sensitive data in order better serve our clients.

Lead Applications Developer at Linux for Education, Inc.

December 2002 – December 2005

- Designed and developed a Linux distribution to simplify and expand the use of Linux in the educational sector.
- Managed bug reporting and remediation and consulted with other organizations on related problems.
- Worked with various programs and programming languages in order to bring the required features.

Web Applications Support at Sports Endeavors, Inc.

July 2001 – December 2002

- Maintained and implemented streaming media servers for business requirements on the soccer.com and lacrosse.com domains.
- Solved network connectivity and security issues as they arose.
- Day to day maintenance of databases, hardware, operating systems and applications to keep the sites and applications functional.

Developer at Various Contracts.

January 2000 – July 2001

- Developed shopping systems for various sites in Cold Fusion and PHP
- Worked with mapping solutions and developed mapping software for employment statistics at the Employment Security Commission.
- Documented and educated people on the use and maintenance of deployed/developed applications.

Lead Developer at Aerial Images, Inc.

February 1999 – January 2000

- Worked with Microsoft Research and Development to prove that Microsoft Sequel Server 7 was scalable and ready for the enterprise market.
- Maintained a database with 3.2 terabytes of satellite data.
- Created software for all layers of the application in order to load, present, and purchase satellite images.

Education and Certifications

Information Systems Security at Forsyth Tech **2010 - Present**

Working towards my degree in Information Systems Security

Offensive Security Certified Professional **June 2010**

The OSCP certification provides testament of Penetration Testing skills in a real life environment. As well as expert use in industry recognized tools such as NMap, Metasploit, scripting skills, buffer overflow understanding and generation and more. Based around the BackTrack Linux Distribution.

Microsoft Technical Associate **December 2010**

Provides testament of a solid understanding in Network Fundamentals, Security Fundamentals, Database Administration and Windows Administration

Skills

Security: Vulnerability Assessment, Penetration Testing, Security Architecture, and PCI Compliance

Programing: AJAX, CSS, HTML, Java, JavaScript, Perl, PHP, Shell scripts, Python, Ruby, SQL, XML, Cold Fusion, MySQL

Operating Systems: AIX, Linux, Windows (Vista, 7, XP, 2008R2, 2003, 2000), Mac OSX