

Nicholas L. Piasecki

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Objective

To gain experience and explore new technologies in programming-related fields by developing and documenting Web and Windows applications at an organization in the vicinity of Richmond, Virginia.

Skills

Windows Development

- NET Framework 2.0, 3.0
- C#, some Java
- WinForms, Composite UI (CAB)
- iBATIS
- SQL Server 2005, basic T-SQL

Web Development

- PHP 4.x, 5.x
- JavaScript (prototype)
- Semantic XHTML Strict, CSS
- Apache 2.x, IIS
- MySQL 4.x, PostgreSQL 8.x

Configuration Management

- Subversion (SVN)
- Bugzilla
- Wiki tools
- NUnit

Related Work Experience

Software Developer
Skiviez, Inc.

June 2007–Present
Richmond, Virginia

- Single-handedly designed, developed, and deployed an ASP.NET- and MonoRail-based replacement for an aging public Web site at <http://www.skiviez.com> while maintaining compatibility with legacy data
- Created PDF generation Windows service that generates and prints personalized advertisements
- Designed, developed, and deployed wireless order picking system using Windows CE and barcode readers to improve order accuracy
- Designed and implemented VOIP phone system based on Asterisk and Linux
- Currently writing and maintaining above projects in addition to module smart client to integrate the company's varied order fulfillment and shipping software into a single application

Software Developer
Shepherd Medical Solutions, LLC

May 2006–June 2007
Blacksburg, Virginia

- Designed, created, maintained, and documented a heavily multi-threaded, HIPAA-compliant distributed .NET smart client application for entering and retrieving medical documents
- Migrated smart client application from Windows Forms to Windows Presentation Foundation (WPF)
- Designed and built secure .NET server application using Windows Communication Foundation (WCF), Service-Oriented Architecture (SOA), and SOAP
- Designed and implemented relational database in SQL Server 2005 with T-SQL stored procedures that dynamically generated triggers for auditing and logging transactions
- Created easy-to-use Outlook-like scheduler control in C# with Windows Forms and GDI+

Web Developer
ZINCASTLE Software Systems, Inc.

June 2005–May 2006
Roanoke, Virginia

- Designed, created, and maintained standards compliant, accessible e-commerce Web sites and intranets as well as an internal project tracking system, principally with MySQL 4.x, PHP 4.x, and CSS
- Guided multiple clients through full software life cycle on fast-paced, independently managed projects
- Proposed and developed "For Designers Only" developer-designers relations program
- Proposed and developed "ZINCASTLE Wireframe" rapid-prototyping tool with object-oriented JavaScript
- Proposed, developed, and maintained an object-oriented, reusable code library in PHP 4.x inspired by Ruby on Rails' ActionPack

