

# 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.

## Skills

### Windows Development

- .NET Framework, LINQ, etc.
- Windows Forms, GDI+
- C#, some C++/CLI
- SQL Server 2005+, T-SQL

### Web Development

- ASP.NET MVC, MonoRail
- PHP 4.x
- JavaScript (prototype, JQuery)
- Semantic XHTML, CSS
- IIS 6+

### Sundries

- Subversion (version control)
- NHibernate (ORM tool)
- Unit testing, code coverage
- EPL2, ESC/POS
- WiX (for Windows Installer)

## Related Work Experience

Software Developer  
Skiviez, Inc.

June 2007–Present  
Richmond, Virginia

- Single-handedly designed, developed, and deployed a multi-tenant warehousing and fulfillment system at <http://www.warehousefs.com/>, creating Windows services, mobile barcode scanner applications, RESTful Web services for integration endpoints, and shipping carrier (Endicia, FedEx, UPS, et al) integration
- 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 sources
- Created PDF generation Windows service that automatically generates and prints personalized advertisements for customers
- 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+

