

Aaron H. Stewart

Skills Matrix

Area	Skill	Time (approx)	Specifics
Programming	C# and VB.net	8 years	Internet Client (SMTP, FTP), Internet Server (HTTP), Windows Forms, Windows Services, Database, Remoting, Regular Expressions, COM Automation
	ASP.net	6 years	Database, Reporting, Security, E-Mail, WEB Services, shared libraries
	C/C++	8 years	Windows Forms, Windows Services, Threading, Sockets
	VB/VBA	7 years	Windows Forms, Networking, COM Automation, Database, Macros
	SQL	10 years	Database design, Views, Indexes, Triggers, Stored procedures, Warehousing
	ASP (VB Script, J Script)	5 years	Database, Security, E-Mail, External components used
	HTML	10 years	Design, Style sheets
	DHTML (Java Script)	10 years	Menus, Popup hints, Form validation
Server	SQL 7-2008	7 years	All Intranet Applications, Warehousing, SQL Server Agent for backups and maintenance
	SQL 2005-2008 Services	1 year	Integration Services, Analysis Services and Reporting Services for data warehousing and reporting
	IIS	7 years	Installation, configuration and management
	Active Directory	4 years	Used as a data source for integration and security
	Apache	1 year	Personal installation and configuration for local WEB development
	MySQL	1 year	Personal installation and configuration for local WEB development
Experience	Office Automation	7 years	Word (formatting, database form templates, finance calculations), Excel (reports from database/text file, financial templates), Outlook (send mail, mailbox monitoring and database import)
	Reporting	8 years	Data warehousing, Crystal Reports (direct and online), ASP reports, Online charting, Excel reports with query builder
	Data Access	10 years	ADO.net, ADO, CDO, MS Access, Jet, MS SQL Server 2000, MySQL
	Windows API	8 years	Extensive C/C++, Recently used with .net
	WEB Applications	6 years	Complete database backed applications, Online reporting including graphs, Integration with company systems
	.net	8 years	Windows applications, Database, Services, Distributed systems (remoting)

Experience Level

Area	Level	Specifics
C#	Advanced	C# has been thoroughly studied and used since its early release (about 2001), and kept up to date with new technologies such as generics and design patterns.
VB.net	Good	Not used quite as much as C# professionally.

.net Framework	Advanced	The .net framework have been thoroughly studied and used since its early release (about 2001). Subsequent knowledge has been acquired through professional use.
Coding Quality	Advanced	Coding standards and best practices employed whenever possible to deliver quality product. Unit test and code checking tools used.
Windows Forms	Advanced	Windows forms thoroughly used, in both stand alone applications and as part of a larger solution. System tray and command line applications also written.
Forms Controls/Components	Advanced	Controls used to increase code re-use and streamline functionality, including client drawn, scrolling and user controls. Components used to provide Toolbox integration to existing functionality.
Windows Integration	Advanced	Windows API harnessed to manipulate the Shell, install services and provided DDE functionality amongst other things.
Windows Services	Advanced	Fully installable windows Services written, mutli-threaded and controlled through remoting interfaces.
VB .net	Advanced	Used mainly for ASP .net applications.
ASP .net	Advanced	Intranet data base driver applications written, to facilitate various business functions.
WEB Services	Good	Intranet based WEB services written to provide common lists sources, through to an interface to a CRM system.
ADO.net	Advanced	Used in a variety of ways throughout many projects including Forms, Services and WEB Services. Technology used: native SQL, OleDb and ODBC.
SQL Server Database	Advanced	Used as the backbone of many applications including ASP.net, Windows forms and Services, WEB Services. Data warehousing and reporting projects undertaken. Databases designed and maintained from VisualStudio, and all SQL server features used including views, triggers, functions and stored procedures.
SQL Server Extras	Adequate	Server Agent, Integration Services, Analysis Services, and Reporting Services all used in a production environment.
Networking	Advanced	TCP/IP and UDP used in synchronous and asynchronous mode. Examples include a HTTP server, an SMTP client, and a finder for network services.
Graphics	Good	Advanced GDI+ and image manipulation. Examples include WEB image rendering, owner drawn controls.
XML	Good	Used for storing settings, serialization, data provision, data extraction, etc. All levels used from reader to document to XPath queries.
DHTML/JavaScript	Good	Various WEB page enhancements implemented where required using JavaScript.
Automation	Good	Automation of Word, Excel, Outlook and third party products undertaken, both early bound and late bound using remoting and C# interfaces.
Remoting	Good	Used to control Services and share common resources on a client computer amongst Forms applications.
Threading	Advanced	Used extensively, both in a server/service capacity and in a forms capacity to perform background tasks or stop the GUI from freezing.
Workflow	Adequate	Third party workflow engine used to satisfy various business requirements.
SharePoint	Adequate	SharePoint used as part of workflow solution. Familiarity and awareness of capabilities achieved but knowledge not complete.