

Sam Maxwell

SUMMARY

- 24 years developing commercial and internal software solutions
- directed in-house and offshore development efforts: process; Q/A; PM; analysis; architecture; design; code; test
- mobile phone, Internet, client/server and database applications
- 8 years extensive Internet technologies
- database design, SQL tuning, stored procedures
- proven analytical and problem solving skills, results driven, independent and team player

BACKGROUND

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|-------------------------|--|
| Key Customers: | McDonald's; Nationwide Insurance; Nationwide Investments; Bath and Body Works; British Airways; Scotts; Miracle Grow Company; GlaxoSmithKline; Abbott; Worthington Industries; Cyclops Steel; Ohio Steel Fabricators |
| .NET: | VB.NET; C#; ASP.NET 1.1,2.0; ADO.NET; VS.NET; SOAP; XML web services; WSDL |
| Java: | Java 5,6; JavaME; Android; Groovy on Grails |
| Internet: | Drupal 6; ASP 3.0,2.0; PHP; DHTML; VBScript; javascript; AJAX; CSS; XML; XSL; XSLT |
| Databases: | SQL Server 2000,2005; Oracle 8i,9i,10g; mySQL; MS Access |
| O/S: | MS Windows XP; MS Server 2003; Ubuntu; MS-DOS; Solaris |
| Other Languages: | C/C++, VisualBasic 6.0, PowerBuilder, Progress, EDI, Unix shell scripting |
| Web Servers: | IIS 7.0,6.0; Apache; Tomcat |
| Source Control: | Visual Source Safe; RCS; CVS; subversion |
| Reporting Tools: | Crystal Reports; ActiveReports |

EXPERIENCE

Mabulu

Mar 08 – future

Software Entrepreneur

- start-up mobile software development firm that supports humanitarian relief and economic development in the developing world
- conceive the mix of products, technologies and services offerings
- propose franchise model for owner/operators in each country for sales, marketing and services
- design and code an expression evaluator for mobile phone rules engine: JavaME (J2ME)
- design and prototype candidate UIs for the mobile phone software (highly graphical and multi-media – intended for “preliterate” users)
- develop a UI prototype in Java on Google Android platform
- evaluate server-side development frameworks: chose Groovy on Grails
- evaluate AJAX frameworks: chose Google Web Toolkit
- configure hosted virtual server: Ubuntu server, LAMP
- administer Drupal 6 CMS website

Astute Solutions

Vice President, Product Development

2006 - 2008

- report directly to CEO; responsible for \$1.8M budget
- setup and oversee development teams on 3 continents: 1 PM; 1 QA Mgr; 1 Architect; 3 Senior SW Engineers; 1 Tech Writer; 6 SW Engineers; 4 QA Engineers
- design and implement an Agile SDLC: establish best practices and process improvement initiatives in quality assurance, new product development, maintenance and support, development services and documentation: Daily Scrum; Test-Driven Development; Burn-Up charts; Personal Software Process / Team Software Process; code reviews
- migrate server components to C# & VB.NET from VB6/COM & Classic ASP
- initiate ISO 9001:2000 QMS

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Astute Solutions

Software Architect and Director of International Development

2000 - 2006

- design n-tier application architecture that was reviewed and commended by a Microsoft consultant
- invent object-oriented AJAX framework and then migrate legacy PowerBuilder™ application to award winning ePowerCenter™ front-end for call center solution: javascript; DHTML; XML/HTTP; Classic ASP; XML/XSL; CSS
- develop browser extension for telephony interface to Interactive Intelligence™ Server for call control using UDP: ActiveX; VB6
- conduct offsite usability tests with call center operators and incrementally improve UI
- review and optimize SQL performance in back-end data access layer: SQL Server 7/2000/2005; Oracle 8i/9i/10g
- develop browser extension for scanning / image processing: ActiveX; VB6
- develop browser extension for fine-grained printer control and special forms processing: ActiveX; VB6; ATL; C++
- develop browser extension for robust cache control and synchronization to minimize bandwidth utilization without losing ability to update local cache when software updates applied
- improve AJAX framework for increased programmer productivity and better standards conformance: XSLT
- develop software requirements and review designs jointly with customers and professional services staff

Independent Consultant

Astute Solutions

2000

- prototype email management system using e-FAQ™ engine: PowerBuilder 6; CDO
- research use of XML/XSL

Independent Consultant

Alkon

1999

- research and implement data replication for concrete logistics system: SQL Server 7

Platinum Technologies & Results Engineering

Software Architect, Sales Support Solutions

1997 - 1999

- continue development of Proceed™ and rollout throughout Platinum Technologies global sales team (over 1,000 reps): PowerBuilder 5; SQL Anywhere

Salesoft

Director of Development & Software Architect

1995 - 1997

- implement robust distributed/disconnected data management system for Proceed™ SFA and Sales Management system
- design & implement multi-currency and multi-lingual architectures: PowerBuilder 5; SQL Anywhere triggers and stored procedures; Visual C++; ActiveX/COM; Java

Symix

Software Engineer

1991 - 1995

- develop data-driven, user-modifiable application framework for commercial deployment: PowerBuilder; Sybase SQL Server; Oracle; Watcom
- develop and maintain manufacturing and logistics business logic: Progress 4GL
- document software standards
- integrate Symix™ engineer-to-order manufacturing system to EFAS™ financials

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Worthington Industries

Programmer/Analyst

1989 - 1991

- design and implement handheld inventory tracking system for extruded plastics plants: Mars handheld; barcode scanning;
- design and implement wireless messaging hub and automated user agent: C/2
- design and implement inventory tracking system with EDI interface: RPG III; EDI; AS/400

Alpha II Systems

Programmer/Analyst

1984 - 1989

- design and implement paperless manufacturing planning and visibility system for Coshocton Stainless Division of Cyclops Steel: VAX; DIBOL
- real-time order entry
- work center queuing and backlog management
- recode to improve performance of credit card statement processing from 23 hours to 1 hour
- payroll for steel manufacturing
- extend MCBA™: PDP-11; TSX-Plus

EDUCATION

The Ohio State University

B.S. Engineering, CIS

1989

REFERENCES

provided upon request