

# Michael Carson, MCSD, MCDBA

## SENIOR SOFTWARE DEVELOPER

- ◆ Develop systems and applications from scratch.
- ◆ Identify and solve critical production problems.
- ◆ Initiate and contribute to daily design meetings.
- ◆ Define & translate requirements into technical specs.
- ◆ Act as technical subject matter expert for department.
- ◆ Provide hands-on training for users of new products.

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### TECHNICAL SKILLS SUMMARY

Programming: Java, Java applets, Swing, JSP (Java Server Pages), JDBC, EJB (Enterprise Java Beans), C/C++/C#, VB 6.0/VBA/VB.Net, COM/DCOM/COM+, ASP, ADO, OLE DB, ActiveX, DHTML, JavaScript, VB Script, XML/XSLT, Remedy, SQL/Transact SQL, dBase IV, PL1, Delphi.

Systems: Microsoft Windows 2000/XP, NT 4.0, 98, 95, 3.1. Linux, UNIX, IBM MVS.

Tools: JBuilder, Visual Café, Visual Studio, Microsoft Access.

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### EMPLOYMENT RECORD

**Senior Software Engineer, CHRON Corporation** **03.01 – present**

Key Project: Architect a Java-based application server and a browser-based client written in DHTML and JavaScript. Code framework and core components. As first technical hire, introduced web services, SOAP and hypertext components.

Technology: Java, web services, DHTML, Hypertext components, XML/XSLT, JavaScript, Oracle 8i, web technology.

**Software Engineer, Metacortex, Inc.** **02.00 – 03.01**

Key Project: Designed and developed a platform-independent, 3-tier application that creates generic metadata primarily for multimedia content such as video clips and audio files. Application attributes include

- ◆ Multi-user client/server system supported by an Oracle database.
- ◆ Set of XML control documents that drives UI and business logistics to accommodate ongoing content schema changes.

Technology: Java Servlets, Swing, Java Applets, JDBC, Perl, JavaScript, DHTML, XML/XSLT, JDBC, Oracle.

**Web Developer (contract), IBM** **02.00 – 08.00**

Key Projects: As lead developer, designed a web-based publishing application for the company's world-class, multilingual portal site. Application attributes include

- ◆ Ability to receive data from Screaming Media in XML format by automatically parsing XML files and storing information in database.
- ◆ Workflow manager, complete set of security features, and inter-city web farm deployment processes for the different phases of the lifecycle.
- ◆ Web interface for content management.

Developed the core framework for the company's portal site

Technology: Java servlets, JSP, JDBC, EJB, Weblogic, struts, Vignette System, Tcl, XML/XSLT, NT-clustered servers, web farms based on replicated SQL7.0, NT clustered servers.

**Web Developer (contract), Chevron 09.99 – 12.99**

Key Project: Developed COM/DCOM MTS components and ASP pages for RASP intranet application that imports/exports EDI files and permits user to process, review, and report SQL server-stored data.

Technology: ASP, SQL, ActiveX, COM/DCOM.

**Software Engineer (contract), Simtrans, Inc. 08.97 – 12.99**

Key Projects: Developed and implemented intranet corporate information system. Application attributes include

- ◆ Contact database that allows users to access, search, and update records (with proper security controls) via intranet or MS Outlook.
- ◆ Document library that allows users to access and register documents via intranet.
- ◆ Built-in MS Index Server which enables user to search documents in several formats; SQL server allows for filtering.

Developed and implemented web- and email-enabled bug-tracking system and help desk system that interact with internal databases and applications.

Developed expense-tracking database system and billable hours accounting system, both of which can be updated via email.

Developed web-based application that allows users to edit structured documents and administrators to generate dynamic web pages.

Developed network management applications and Access-Oracle integrated applications.

Technology: XML/XSLT, Java applets, JavaScript, ASP, COM/DCOM, HTML/DHTML, Remedy, Access, VB/VBA, SQL, API/MAPI, Index Server, NT 4.0/ IIS 4.0, ADO, VB Scripts, Outlook.

**Database Developer (contract), Prose Pros, LLC. 07.97 – 09.99**

Key Project: Developed a customized, multi-user Access database to maintain company, people, and job information for this technical recruiting agency. Integrated system with synchronization, auto-email generation and queuing, and web accessibility.

Technology: ASP, VB/VB script, JavaScript, Access, COM/DCOM, ADO, HTML.

**Analyst, KFG Information Systems 08.95 – 06.97**

Key Project: Developed multi-user, object-oriented client/server database applications, constructed web pages and web-based database, and maintained the Australian Bibliographic Network mainframe system.

Technology: VB Script, C/C++, Access, SQL, ASP, HTML, JavaScript, ActiveX, PL1, ADABAS/NATURAL.

**Consultant, Fulcrum Enterprises 11.91 – 05.95**

Key Project: Assembled and set up PCs and networks for small businesses. Created PC-based applications.

Technology: VB, C/C++, VBA, dBase IV, Access.

**EDUCATION**

Degrees: Associate's Degree in Business Computing, Arlington Institute, PA 1992 – 1993  
 Bachelor's Degree in Computer Science, University of Phoenix, AR 1986 – 1991

Training: Delphi DB Programming, Programming in VB, Advanced Access, Introduction to UNIX (KFG)  
 Remedy Advanced Training, Oracle Administration (Simtrans, Inc.)