

Scott Morse

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Database Development and Administration

Real-World Understanding

- I have a deep understanding of **MRP, ERP**, supply chain management (**SCM**) and business intelligence applications.
- I create database applications that model business processes and rules.
- I design user interfaces with a strong sense of on-screen ergonomics.
- I have a reputation of 2,500 on www.stackoverflow.com. (reference: Smandoli)

Good Tools

- Design of relational databases for client-server applications using **MySQL** and **Microsoft Access**. Data linking with **ActiveX, ODBC, AS/400**, and **API** calls. Strong understanding of **SQL** syntax.
- Reporting with **Access** and **Crystal Reports**.
- Scripting with **VBA, VBScript, Python** and **ASP 3.0**.
- Project Management with **wikis** and **Microsoft Visio**.
- Web development with **PHP, XHTML, CSS3, JavaScript**, and **JQuery**.
- **Linux** and **LAMP** administration.

Good Work

- On a team, I strengthen relationships, facilitate communication and build consensus.
- I am diligent, personable, **honest** and **highly motivated**.
- I have exceptionally strong speaking and writing skills.

Employment

Software Engineer – I.C. Solutions

San Antonio TX, Aug. 2012 to Feb. 2013

- I worked with a web development team that uses **bazaar** and **mantis** for project management.
- I developed or edited **PHP** code using **JavaScript** with **AJAX** to serve up data from a **Postgres** database.

Web Developer -- Contract

San Antonio TX, March. 2012 to May. 2012

- I modified code for processing user actions on the fantasy sports site www.sportsbox.com, which is built in **Python** using the **Pyramid** framework.
- **SQLAlchemy** was used to query a **MySQL** database.

Web Developer -- Independent Contract

Home-based, 2004 to 2012

- The subscription-based site at www.spapartscenter.com is an on-line knowledge base for locating and reviewing tens of thousands of products or parts.
- Parts can be filtered and searched by PN, description, category, and manufacturer. Data from a part's suppliers can be searched as well as manufacturer.
- Detail pages show relationships between parts, such as sub-part (for example a pump, and the motor that powers the pump) and equivalence for substitute use.
- This site uses **CSS** layout with **PHP 5** and **MySQL 5**.

Database Developer at Fountain People, Inc.

San Marcos TX, Oct. 2003 to Sept. 2011

- Developed a database using **Microsoft Access** that currently serves up to 14 users concurrently with almost no incidence of data corruption. It's currently in use as of May 2013.
 - Project management, **CRM**, product costing and **Business Intelligence**.
 - Work flow notifications, object-based forms and automated client deployment.
- Development of **ERP** for an engineer-to-order manufacturing process.
- Data extraction from **MAS 90** accounting/logistics software using **VBA**, **DAO**, **ADO** and **ActiveX**. Analysis of production and sales with use of standard deviation.

Database/Web Developer at Jabil Circuit

Round Rock TX, Dec. 2000 to Jan. 2003

- Formerly DTP (US), Inc. I used **VBA** to query a complex legacy databases and yield internal reports in **Excel**. This replaced a full-time customer service position.
- Created data exchange systems to service Hewlett-Packard and Best Buy. These offered real-time visibility over the Internet into DPT's finished goods inventory, and an automated interface for shipping that generated documents for international trade.
 - **B2B** data transmission using **HTML**, **XML** and **ASP**.
 - Automated FTP exchange of XML files.