Glen C Hinckley

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Objective

Systems programmer and engineer with 20+ years' experience in software design and troubleshooting. Proven ability to write mission critical software and systems. Architect from either a backend only too db thru UI. I can design, write and or maintain highly complex software systems in either vertical or distributed architectures.

Software Knowledge

- X12 EDI 270, 271, 276, 277, 278, 835, 837
- Iguna HL7
- Net 1 – 4.6 MVC, MVVC, WCF, WPF .NET Core,.NET Standard
- Microsoft Visual Studio.NET ASP.NET .NET Framework, COM, DCOM, MTS
- Microsoft Visual Basic 3, 4, 5, 6, VB.NET
- Microsoft C# 2.0 – 5.0
  Microsoft SQL Server 6x, 7, 2000, & 2008 2012, 2014
- XML, JavaScript, Java, JSP
- Oracle 7.3, 8, 8i, 9i, 9iAS(Unix platform), 10g, & 11g, Oracle Forms & Oracle Reports, Pro
- db2 as400 iseries
- C/C++ MFC, GCC 2.x 3.x, OWL
- Unix (Solaris, HPUX), Linux
- Microsoft Exchange Server and Sharepoint
- Sybase Power Designer, InterBase, Embarcadero ER Studio, Embarcadero DB Artesian
- Java Spring forms, CLI and GUI apps
- HP Service Test,
- HP Quality Center,
- LoadRunner
- Microsoft Test tools in Visual Studio
- JIRA, bugzilla and other bug and defect agile tracking

Hardware Knowledge

- Cisco 2200, 4000 series routers, Lucent switches, Cisco 7500 series switches, Riverstone soft switches
- Sun Enterprise 3500, 10000, Sun 420R, Sun Enterprise 250 & 450
- Compaq Proliant Server, Dell Power Edge Servers
- IBM system 34 & 36, AS 400, s390, z series mainframes and Blade Servers
- Dialogic BRI/160 SC, Dialogic D/480SC-2T1, Dialogic D/160SC-LS
- HP8562-ESI Spectrum Analyzer, EF Data 650 Satellite Modem
- Data Products DP2048AT Multiplexer ComSAT RSI Upconverters and Downconverters
- Datacard DP-290 & 4000 Card Embossers

Experience

July 2013 – Date
DCS Global Systems
Senior Programmer/Architect

- **EDI 271** parser as a sql2005 stored procedure, this is a 13k line SP that can parser an 271 in about .25 secs including writes to disc

- **EDI 270,271,276,277,278,835,837** Parser engines in VB.Net
- **EDI 270,271,276,277,278,835,837** Viewers
- **EDI** communications modules that can send and receive **EDI** with state medicaids as well **CMS** and **Tricare**
- **LDAP** authentication module
- **HL7** data stream receiver
- Multi threaded rules engine
- VBS to VB parser that can build VB Dlls from the VBS rules. The rules engine then loads the dll ad runtime and dynamically call the rules in it.

October 2011 – January 2013 – Ongoing support and maintenance
Walt Disney World – db2 to Oracle Data scrubbing and integrity project conversion
Contractor

- I converted an app called the zulfi solution to a .NET front end and jboss server app. The app was a collection of 92 queries and 92 fallout queries that ran as a db2 stored procedure. The queries in the app checked for thing such as missing foreign and primary keys, missing business logic, made sure that related tables had been populated and keys where correct. The avg query had 10 to 30 joins on an avg of 5 to 15 tables. Quires would return number of errors found and other criteria that was inserted into a table. The SP then took that table and ran another set of queries based on the original that went out and populated the result tables with the suspect records. This app would take on avg 30+ hours to run; it ran against the entire WDW data set looking thru some 300M records.

2011 February - June
World Wide Interactive Services – Classic ASP to C# ASP.NET Conversion
Contractor

Coordinated with web designer to redo front end for Credit Union Software

- Simple redesign but old web site was hodgepodge of technology. Mostly odd use of the table control to make a lot of <dev> tags.
- Fixed all the table controls to render standard HTML table. Replaced obsolete **java script** with **jquery**.
- **Fixed and repaired the primary DB2 server.**
- **Advised and coordinated with staff to design a cloud based service to deploy there product.**

2009 March – August
Florida Wildlife Commission – Foxpro to C# Conversion
Contractor

- Rewrote the existing Foxpro app as a web based C#
- This app tracks and maintains all hunting and fishing licenses in the state of Fl.
- This app had to collect data from a db2 system in Kentucky parse the data print the cards and track interest and current value of the license.
- The Foxpro app was an ongoing effort from several previous programs over the last decade and had no documentation or any programmers that experience with it.
- All the business rules were put in separate DLLs so they could be reused in the future for this or other projects that the same type of data.
- **The new app could pull and parse the data in about 2 mins as opposed to over an hour for the old system.**

Education

1989-1991	University of Central Florida	Orlando, FL
1987-1989	Valencia Community College	Orlando, FL
30 hrs	Stanford Online	