

Fred Castrow III

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PROFESSIONAL EXPERIENCE:

January 2021 – March 2021

Revature. Java 8 programming. 8 hour/weekday Zoom class.

August 2019 – January 2020

Trilogy Data Analytics Boot Camp at Rice University.

Focus on Python programming, ETL, data visualization.

Intertech Consulting, Inc., Houston, TX

Senior Consultant

December 2018 – March 2019, Client: TJX

Project: Three buyer control file and five class/category/consolidation applications.

Convert all eight applications from PowerBuilder 7 to PowerBuilder 2017R3 build1880.

Client is migrating from MS SQL Server 2008 to MS SQL Server 2016. Application servers are migrating from MS Windows Server 2003 to MS Windows Server 2010.

September 2018 – December 2018, Client: DOJ/ATF

Project: NQUIRY, NFORCE, NSPECT applications.

Convert all PowerBuilder SQL from Oracle to MS SQL Server 2016.

Wholesale Electric Supply, Houston, TX

Application Developer

January 2008 – August 2018:

Initially hired to convert the two main production applications, MMS and CMMS, from WebPB running on MS IIS to Sybase EAS J2EE application server for increased stability and scalability.

The next major task was to convert the PowerBuilder 7.3 applications to PowerBuilder 10.5.

After completing these major tasks and creating scripts for automating the deployment processes I was responsible for monitoring, maintaining and enhancing the production systems MMS, CMMS, WEStore (ASP), MMS Customer Portal, and CMMS Customer Portal using PB 7.3, PB 10.5, EAServer, Sybase ASE, ASP, and JSP. All major applications have browser based intranet/internet clients. In addition there were about 20 client server utility applications for importing and exporting data and scheduled reporting tasks.

<http://www.wholesaleelectric.com>

Smith International, Houston, TX

Application Developer

April 2007 – December 2007

Worked on a team of six developers on rewriting the DRS (Drilling Record System). This involved moving from PowerBuilder 7.3 to 10.5 and from Oracle 9i to 10g. DRS is a widely distributed application usually accessed through Citrix with the main server in Houston, satellite servers around the world, and local databases for the most remote users all of which are designed for two way synchronization.

Responsibilities: Design and development of new database structure to more closely reflect the business. Implementation of the user interface using PowerBuilder with Oracle back end components. Specifically responsible for the FRR (Field Run Report) module which tracks the engineering analysis of the condition of the bit after drilling runs.

Tools: PowerBuilder v7.3 and v10.5, Oracle 9i and 10g, Toad.

Merrick Systems, Houston, TX

Senior Developer/Analyst

September 2005 – December 2006

Merrick Systems provides integrated software solutions and project services for upstream oil and gas production operations.

Responsibilities: Development and maintenance of interfaces from SCADA systems to Procount. Production support and new development for Procount Reports Module.

Tools: PowerBuilder v7.3 and v10.5, MS SQL Server, Oracle, VB

InnerLoop Computer Services, Houston, TX

Lead Programmer/Analyst

January 2002 to September 2005

Phone technical support as well as small web and DB projects from Houston.

Projects: 1) developed VB application to gather and analyze data from eBay, 2) maintenance work using ASP web development for a healthcare company, 3) ColdFusion web development for an energy company, 4) Web site development for a Houston civic association, 5) installation and configuration of 802.11b wireless networking 6) developed a Winsock peer to peer application using VB.NET and Csharp.NET for automation of the lobby greeting function for a doctor's office eliminating the need for a receptionist in the front lobby, this was later converted to Access/VB 7) developed and implemented an 802.11b Hotspot using Steel Belted RADIUS, a Colubris CN3000 WAP with web programming in HTML, JavaScript, VBScript, and ASP 8) Set up Cobalt RaQ 3i Web Server appliances, SnapGear Pro+ firewall configuration

Premcor, Stamford, CT

Senior Developer/Analyst

September 2003 – September 2004

Business: Petroleum Refining. Traders secure supply of crude oil as input and sales deals for the refinery output products. 24/7 operations as prices, movements enter the system, get matched to deals, generating invoices.

Responsibilities: Production Support for RAIV energy trading and accounting system, excise tax system, interfaces to pricing services, invoice transmission, Oracle Financials, and product movement data for refining operations. Expert in RAIV RAMQ services, configuration and processing. I was also involved in the disaster recovery and SOX process development and documentation.

Tools: SolArc RightAngle IV, PowerBuilder v7.3 and v9, MS SQL Server 2000/TSQL, ZyTax 3.14, Tidal Scheduler, MS VSS.

Enron, Houston, TX

Senior IT Specialist

August 2000 – December 2001:

Responsible for the Global Contracts application and database, production support and enhancement development. PowerBuilder 7.0.3, Oracle 7.3, Oracle 8.1.7.2, VB (COM), ASP, XML, Tibco, Java. Facilitated weekly user group priorities meeting. Software design, coding, testing and deployment. Responsible for Oracle PL/SQL interface to SolArc RightAngle, Unify and Sitara systems. The PL/SQL interfaces consist of hundreds of pages of code written and maintained over the years by a variety of programmers that I was later responsible for documenting in detail. The code resided in triggers on the major contract tables which called PL/SQL packages containing code which validated and transformed data from the contracts system to the settlement system (Unify). The process resulted in replication of relevant data from contracts (Oracle) to Unify (Sybase). I was involved in the process to convert the Global Contracts application to a web based application using VB/COM and XML from the older PowerBuilder platform.

EDUCATION:

RICE UNIVERSITY, Houston, Texas

BSEE, Electrical Engineering, May 1986.

Quantum Electronics/Biomedical Engineering

Certified PowerBuilder Developer, 1994