

## **TOM DAVIDSON CNC CONSULTANT**

### **SUMMARY**

An IT Global Systems Architect with a majority of experience involved in large scale ERP design, implementation, and system administration on a global level. I bring 26 years of experience to the table and am knowledgeable in multiple platforms, networking, and non-European character sets. Key personal strengths include the ability to communicate and work well with others, quickly learn new technologies, strong problem resolution skills, maintain an organized working environment, mentor and train peers on new technologies and work with various team members on multiple projects through completion.

### **SKILLS**

Specialist in J.D. Edwards EnterpriseOne and OneWorld XE, particularly in the area of Configurable Network Computing (CNC) :

- Oracle JDE E1 Technology Foundation(CNC) Implementation Champion Certified
- Experience in all facets of CNC
  - Package Build and deploy
  - ESU/ASU application
  - Performance Tuning
  - Working with developers to debug new and existing applications
  - OMW configuration and project promotion
  - OCM configuration and debugging
  - Adding new servers to an existing installation
  - Path Code and environment creation and refreshing
- I have worked on multiple platforms
  - Hardware
    - AS/400 and IBM i
    - AIX
    - Windows
  - Software
    - Oracle Application Server
    - IBM Websphere
    - Various HTML (Web) servers
- Expert or proficient in the following databases
  - DB2 for i (AS/400)
  - Microsoft SQL
  - Oracle

IBM i (AS/400) skills:

- AS/400 Certified ILE Specialist.
- Specializing in the performance of EnterpriseOne on the IBM i (AS/400).
- Expert in the areas of:
  - Systems programming
  - Application and database design
  - Disaster recovery, especially as it relates to JD Edwards EnterpriseOne implementations
  - Programming languages:
    - Fluent in RPG (all versions), CL, COBOL.
    - Capable in C and REXX.
- Mirroring for both data warehousing and disaster recovery
  - Mimix
  - iTera
  - DataMirror

Other languages and products I am familiar with: C, C++, HTML, SQL, Hummingbird Exceed, Help Systems ROBOT products.

Familiar with Unix (AIX) administration and tools. And I have a working knowledge of networking concepts, capabilities, and terminology.

## **PROFESSIONAL EXPERIENCE**

### **Specialty Food Chemical company**

**2009 – Present**

A global food chemical company specializing in food additives.

- Served as a Global Systems Architect responsible for the performance of their JD Edwards EnterpriseOne Installation. This included responsibility for creation of subsystems and programs to both monitor and report performance.
- Served as an 'in-house' consultant to developers on SQL and was the sole creator of required SQL stored procedures and functions
- Responsible for day-to-day operations of Oracle Application Servers serving JDE to the global user community

### **Cleindori Consulting, LLC, Union Grove, WI**

**2009 – Present**

An IT consulting firm specializing in JD Edwards and IBM i (AS/400, iSeries) CNC consulting. I am a senior consultant in the areas of JDE CNC and IBM i performance.

- Diagnosed a system problem where JDE jobs were being submitted to the wrong job queue. Implementation is in progress.

- Sensient Technologies. Performed an analysis, working in a team situation, of intermittent slowdowns in an E1 configuration. Successfully diagnosed, and corrected the issue.
- Sensient Technologies. Acted as Global CNC, under a “Contract For Hire”. Duties included a full performance audit, and implementing the recommended changes. Replacing the old JDE Application Server supporting development and testing environments. Streamlining existing CNC processes to eliminate rework. And documenting the existing systems.

**RS Infocon, Inc., Sturtevant, WI**

**2007 – 2009**

An IT consulting firm specializing in ERP technologies. Acted as a Senior Consultant specializing in JD Edwards EnterpriseOne software as a CNC Administrator.

Duties have included:

- Troubleshooting problems with a global implementation when one location in Hamburg, Germany was unable to connect with an upgraded JD Edwards system. The problem also cascaded to other sites that had no issues when Hamburg was off-line. I was able to identify and isolate the problem and provide a work around within 8 hours. I was called in after the issue could not be rectified by another consulting firm after 48 hours.
- Troubleshooting integration issues with E1 and third party add-ons such as PC Miler. Acting as a ‘generalist’ when there were no experts in this area. I was able to successfully diagnose and correct a problem with program setup and integration where the client was unable to route trucks on one-way trips. Correcting the problem took 5 days, after 6 different consulting firms were unable to identify and correct the problem over 4 months.
- Contract programming in RPG IV/ILE and RPG Free for a national sports governing body. Duties also included setting up mirroring from V5R4 to a new V6R1 Blade server, for transition to new physical site.
- Development of a batch routing system, using the JD Edwards tool set, that enables dynamic submission of UBE’s to different job queues and servers without changing versions.
- Performance evaluations of existing OneWorld and EnterpriseOne installations. This included recommending changes to enhance performance of the existing systems.
- Sizing and specifying the hardware needed by a \$1.5B company for a new EnterpriseOne installation.
- Acting as a temporary CNC for several companies (\$500M to \$1B) when existing CNC was on vacation or otherwise unavailable. Duties included package build and deployment, on-call duties, problem resolution, and help desk duties.

**JOHNSON DIVERSEY (JD), Inc., Sturtevant, WI**

**1994 – 2007**

A \$3 billion global manufacturer of commercial and industrial cleaning solutions.

Global Systems Architect 2000 – 2005. Designed and implemented the global JD Edwards OneWorld system for 21 countries making up nearly \$2 billion in sales utilizing one single byte and one double byte instance of JDE with shared system and control tables to facilitate consolidation to one single global instance. As such I bring global experience to the table. Responsibilities included design of AS/400, Windows (plus Citrix), and Network infrastructure for JDE OneWorld. Implemented the design, including installation, mapping of BSFN logic, UBE routing, and CNC processes. Documented all of the above so that the CNC functions (and processes), could be continued by others. Primary JDE implementer of both the DataMirror and iTera mirroring products for disaster recovery and data warehouse purposes. I was responsible for the performance of the system, both investigation and resolution the entire time. Database includes single-byte, double-byte, and Unicode experience.

Performed the role of mentor for new staff members and coordinated cross training efforts to bring all team members up to a sufficient technical level to provide back fill capabilities in the absence of other team members.  
Created and maintained a documentation repository with adequate information regarding system management procedures and system administration.

Prior to 2000 he was the manager/lead developer for the JD Year 2000 project. This involved identifying and correcting problems in the 25M line American Software (ASI) 3.x ERP software package. Also a lead developer/systems programmer for the JD

**Consultant/President - Davidson Consulting, Inc. 1992-1994**

I was president and sole proprietor of an ASI consulting firm. Clients included Harley-Davidson and SC Johnson Wax. I also developed an add on product to simplify security and access to the corporate tables from CL programs, which was still in use at TwinDisc until they migrated to JD Edwards in the summer of 2008.

**Consultant – Technology Consulting Company 1989-1992**

Consultant for multiple ASI and BPCS related projects.

**Manager of Information Systems – City of Moorhead, MN 1983-1989**

Managed shop of 2 other people, budget of about \$250K. Duties included budgeting, personnel management, programming, and maintaining both computer and telecommunication resources.

**PROGRAMMING EXPERIENCE**

RPG – 24 years. IBM Certified ILE (RPG) Specialist. Knowledgeable of all aspects of RPG. Performed in maintenance, developer, and Lead Developer roles. Fully up to date on RPG API Programming, experience in developing client server, CGI, sub-file, and report programming. Speaker at WMCPA about client server program design in 2007. Other skills include use/creation of service programs, binding directories, activation groups, and other aspects of ILE RPG programming.

CL – 24 years. Knowledgeable in all aspects of CL. Served as a Systems Programmer for 13 years at JohnsonDiversey. Expert in Command Creation, Work Management, and Database Management. Speaker at WMCPA monthly meeting on how to create a separate communication subsystem for ODBC.

COBOL – 10 years. Served in both maintenance and new development roles. Experience includes work on American Software ERP systems and new development.

C & REXX – 5 years. Developed miscellaneous connectivity applications. Most of the work was in interconnectivity where we wanted to ensure that the add-on's were in the same language as the base application.

### **SPEAKING EXPERIENCE**

I have presented at multiple QUEST and AS/400 conferences on varying topics: Global Systems Design, Performance (both JDE and AS/400), and Client Server Programming. Many of the handouts are available on my web site.

JD Edwards:

Quest (Previously FOCUS, the JD Edwards Global Conference)

2008: Performance tune your iSeries for E1

2003: Case Study: A Global Installation of OneWorld with Shared Objects

2002: A Multi-Instance Multi-Code Page OneWorld Installation

AS/400 Conferences:

WMCPA (Common) Regional Conferences:

2011: Performance Tuning 101

Performance Tuning 102

2009: Life cycle of a job

SQL for programmers

2007: Web Based Client Server Programming (Session and Lab)

2006: Performance Tune Your System Using IBM's Free Tools

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WMCPA Local Users Group:

- 2009: Using WRKJOB (scheduled)  
QSHHELL for Dummies (scheduled)
- 2008: Tracking back job errors  
Understanding the iSeries joblog  
iSeries Access equivalents for Green Screen commands  
Using procedures in your RPG programs
- 2007: Basic AS/400 Administration  
Creating an Isolated Test Environment Without Using LPAR
- 2006: Intro Performance Tuning

**ARTICLES PUBLISHED**

- 2008: The Top 10 Reasons to Create Your Own JDE Indexes (Cover Story)  
Published in: Out in Left Field by Centerfield Technologies