

## **STEPHEN A. DOWELL**

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Mr. Dowell has over 35 years of professional software service experience in financial, accounting, telecommunications and a variety of other industries. Mr. Dowell has extensive background with all phases of software systems development life cycle using various CASE tools, databases and operational platforms. Mr. Dowell has provided project management as well as technical lead expertise throughout his career. Currently, Mr. Dowell is involved in entrepreneurial ventures utilizing his design skills as well as continuing his education in the fields of multi-media, graphic arts and web development.

### **PROFESSIONAL HISTORY**

#### **01/96 - Present INDEPENDENT CONSULTANT, *Freelance Consultant***

- Design, develop and support E-Commerce applications and websites. Clients include local Businessmen, Politicians and Religious Organizations.
- Conducted Y2K analysis and testing for student records legacy systems for Southern Methodist University using Ideal, SAS, COBOL and Datacom DB.
- Performed production support for credit card and other financial systems for Hogan systems financial services.
- Installed lender specific systems to service escrow lines for Transamerica Real Estate Tax Inc.
- Converted legacy accounting systems for FINA Oil and Chemicals to COBOL/370 for year 2000 compliancy.
- Performed QA for new customer provisioning at EXCEL Telecommunications.

#### **10/94 - 12/96 COOPERS & LYBRAND LLP, *Senior Consultant***

- Provided functional enhancements to magazine systems for Boy Scouts of America.
- Designed automated plan reconciliation of trial balance statements for Fidelity Investments Retirement Company.
- Created loan system audit reporting for MBNA America.

#### **06/93 - 09/94 ANDERSON CONSULTING LLP, *Sr. Consulting Engineer***

- Developed vehicle utilization system for Ryder Trucks Inc.
- Created audit reports for ARCO Oil & Gas using TELON and SPUFI.

**06/91 - 05/93 CIBER INC., *Field Manager***

- Performed QA of National Marketing Systems for MCI and designed Consolidated Circuit Management system using ADW, COBOLII, CICS, ADABase/Natural and DB2 utilizing SONET/ISDN technology.
- Installed Asset Sales 3.0 credit card system for MBNA America in a COBOLII, CICS, VSAM environment. Management responsibilities for 7 subordinates.

**07/89 - 06/91 FORREST FORD CONSULTANTS, *Senior Consultant***

- Installed MSA financial aid package for Southern Methodist University integrating VSAM with Datacom DB existing files and created various student correspondence using CMS.
- Team leader in developing Imageplus interface to MVS for IBM using COBOLII, CICS and DB2.

**07/88 - 07/89 BRIGHT BANC, *Sr. Programmer/Analyst***

- Installed CA Accounts Payable and conducted Beta testing.
- Provided support for all financial applications and developed internal project tracking system.

**08/86 - 06/88 PEAT MARWICK MITCHELL & CO. LLP, *Management Consultant***

- Installed Customer Information Accounting and Billing system for the City of Dallas Water Utilities converting DL/I file access to Datacom DB in a CICS environment.
- Developed a payroll system for the University of Texas Health Science Center at Houston using Transform Logic and IMS DB/DC.
- Tested workers compensation systems for the states of Oklahoma and Pennsylvania in IMS environments.
- Audited a small service company being considered for buy-out by CITICORP.
- Audited tax enhancements to a payroll system of a small industrial company.

- Converted a billing system from ALC to COBOL for Mountain Bell Telephone using ReAct, RETROFIT and PathVU re-engineering tools.

**09/84 - 08/86 SOUTHERN BAPTIST ANNUITY BOARD, *Programmer/Analyst***

- Converted Datacom DC systems to command level CICS.
- Team leader during design and coding phases of a Retirement/Annuity system using IDEAL and Datacom DB.

**09/83 - 09/84 INFORMATION RETRIEVAL METHODS, *Programmer***

- Developed and supported marketing reporting systems using Datacom DB, COBOL and CICS.

## **EDUCATION**

**1977 - 1983 BALL STATE UNIVERSITY** Muncie, Indiana

**Bachelor of Science**

**Major:** Computer Science/Mathematics

**Minor:** General Business Administration

**Affiliations:** Association of Computing Machinists (ACM), Institute for the Certification of Computing Professionals (ICCP)

## **APPLICATIONS SUMMARY**

Audit, Mortgage, Payroll, Real Estate, Retirement/Annuity, Student Records, Student Admissions, Image Processing, Asset Sales, Oil & Gas, Investments, Accounts Payable, Accounts Receivable, Billing, Cost Accounting, Financial Aid, General Ledger, Circuit Management, Bank & Loan

## **TECHNICAL SUMMARY**

### **Data Management Systems**

DB2, VSAM, Datacom DB/DC, IMS DB/DC, ADATABASE/Natural, Btrieve, Oracle, MySQL

### **Languages**

COBOL, COBOLII, ALC, IDEAL, EZPlus, PL1, LISP, SNOBOL, Natural, HTML, XHTML, XML, KML

### **Programming/Development Tools**

TELON, Transform Logic, ROSCOE, OLLIE, TSO/ISPF, CMS OS JCL, DOS JCL, ADW, ReACT, RETROFIT, PathVU, Excelerator, APS, FILEAID, Platinum, Bachman Tools, MasterMind, Candle, Expeditor, Intertest, MAGEC, command level CICS, endeavor, Microfocus, Realia, PHP, Adobe Photoshop, Adobe Flash MX, Ajax, PHP, Perl

### **Hardware**

IBM 360, 370, 390, 30XX, 43XX  
AMDAHL V6, V7, 43XX  
DEC VAX 11/780, PDP 11  
IBM PCs

### **References**

Available upon request.