

Jack M. Cohen

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SUMMARY Experienced in IT and technology utilizing Tandem (HP NonStop), IBM mainframe and PCs and other hardware topologies. WAN/LAN/SAN networking architectures. Diverse applications development skill set with various SQL databases. BASE24 and NET24 certified. Development and implementation of ATM, POS Credit/Debit card, transaction experience. Long/short range strategic/tactical planning and development for medical systems (Admin/Financial/Clinical Systems). Extensive application and operating system QA and general software testing. Managed a technical staff of 35-50 and acted as project manager. Web development skills.

EDUCATION BPS Computer Information Systems
State University of New York at Saratoga

ACTI University for BASE24 in Omaha, NE
Environment, XPNET, ATM, POS/DB, Tran Proc, & Cutover,
ATM, Refresh/Extract

HARDWARE TANDEM or HP NonStop Servers
IBM ES9000-900MP, 30xx & 43xx, Various PC, SAN,
Routers (Frame, T1, Token Ring, Ethernet, IP, Bisync)

DATABASE NonStop SQL/MP/ZLE, SQLCI, DB2/SPUFI, SYBASE, SQL
Server

SOFTWARE GUARDIAN, BASE24 (THRU REL 6.0.3), NET24, PATHWAY,
TAEL, FUP, SCF, SNAX/HLS, X25AM, Envoy, BATCHCOM,
Measure, Binder, ICE, NDM, XYPRO, CONTROL, RMS, TEDIT,
PERUSE, Direct Connect, ITP Web Server, GoldenGate

MVS, DOS, VM, CICS, TSO/ISPF, DB2/SQL, MQ Series, VSAM,
TCP/IP, SNA/VTAM/NCP, LU6.2, LU0/2/3, PANVALET,
LIBRARIAN

Windows, SQL Server, Exchange, IIS4, FP 2K, WORD,
EXCELL, POWERPOINT, ORACLE, NOVEL & VISIO, ADOBE
PHOTOSHOP, COREL, and MANY OTHER PC software products

LANGUAGES TAL, PTAL, C, C++, BAL, NMCOBOL, COBOL85, COBOL II,
SCOBOL, Fortran, Visual Basic, HTML, PL/1, JAVA

PROTOCOLS TCP/IP, SNA/LU(6.2,0,2,3), Ethernet (802.3), Token
Ring(802.5), X.25

EXPERIENCE

02/2008-07/2009

Emerging Health Information Technology, Yonkers, NY

Senior Technical Specialist

TAL/C/TACL Analyst/Technician/Programmer/Systems Admin: TACL and web programming (ITP Web Server) design, develop and implement a dynamic terminal and printer detail summary for managing inventories and performing customer service support. General TACL tools development and implementation. Design and implement a SAN based design for data integrity using Golden Gates VERIDATA product. Analysis for Itanium upgrade for Centricity Enterprise system. Virtual Tape purchase and usage analysis and design.

03/07-01/08 Independent Consultant

For COMDATA: TAL/C Analyst/Technician/Programmer/Systems Admin BASE24 BIC configuration, testing and CSMS to emulate BNET transactions to a new banking interface. HISO configuration, testing and CSMS to organize data in the PSTM to facilitate the new credit card banking software used for a private label implementation. Testing and configuring using a JAVA based simulators to verify transaction completion. This was a private label implementation. Facilitate SPROUTE routing to handle new service based routes.

06/06-02/07 Independent Consultant

For JPMorganChase: COBOL/SCOBOL Analyst/Technician/Programmer/Systems Admin Monitor program to capture missed processing for ACH applications. Performance modifications to enhance file-processing times. Statistical capture from \$VHS output messages. TAL/PTAL/C/TACL/SQL programming support for mandated federal security analysis of financial transactions. Tracking and enhancements for NACHA ACH transmission files to expedite performance of FTP.

12/05-04/06 Independent Consultant

For Walgreens: (BASE24 TAL/COBOL/SCOBOL BASE24(6.0+)
Analyst/Technician/Programmer/Systems Admin) New TAL device handler (DH) like functionality (CSMs) to handle management of cards utilizing SQL. This allowed any designated line to transmit/update private branded card management data. Testing and QA setup.

06/05-10/05 Independent Consultant

For Safeway: (BASE24 ATM/TAL/COBOL/SCOBOL BASE24(6.0+)
Analyst/Technician/Programmer/Systems Admin) Uplift XPNET 3.0 to include WEBGATE interface to handle web and other external interfaces to BASE24. Cloning and configuring a new test environment including Check Authorization for a new BASE24 project implementation. Set up and testing of XPNET IP client/server communications capabilities.

01/05-06/05 Independent Consultant

For JPMorganChase: (BASE24 ATM/TAL/COBOL/SCOBOL BASE24 (6.0+))

Analyst/Technician RPQs/CSMs to AUTH and BIC as well as ATD and DCT AFT screens to handle new and additional functionality. The project is related to the BankOne/JPMorganChase merger. RPQs to handle customer preferences for a new device handler (IFX). This included not-on-our-logical-network changes to communicate to another BASE24 system through a BIC-to-BIC interface. New tokens were added to enable these functions.

06/04-01/05 Independent Consultant

For M2 Corp: (C/TAL/COBOL/SCOBOL Programmer/BASE24 POS (6.0))

Analyst/Technician Code and test various TAL and C components of a transaction gateway to update BASE24 V6 CAF/PBF control files and to create input for plastic generation. Performed STAR ISO 8583 acquirer certification testing for both POS and ATM transactions. Set up of GENSIM to test STAR interface. Develop and test application programs for electronic food stamps in COBOL/SCOBOL/TAL/C.

05/04-06/04 Independent Consultant

For Russian Oil & Gas Bank: (BASE24 Analyst/Technician) On BASE24 Release 6.0.3 Automate currency conversion algorithm. Assist with Authorizer/Issuer VISA certification for ATM/POS transactions. Various CSMs(RPQs). Advise customer on future requirements.

2001-2003

Tactical Computer Systems

04/03-10/03 Independent Consultant

For major switch: (BASE24 Analyst/Technician) Design and specification and integration of BASE24 Release 5 BIC ISO for POS/ATM RPQs in TAL for Smartcard (EMV) ISO enhancements. Modified SECUTILS in TAL for enhanced DES support with ATALLA interface. Retrieved and coded packing and unpacking of Smartcard tokens to and from ISO format. Utilized WINRUNNER for QA testing of EMV transaction routing.

05/01-01/03 Independent Consultant

(Project Lead) For IDEA Telecommunications in Warsaw, Poland: Design, specification and develop of proprietary software on for IBM mainframes and Tandem/Compaq utilizing SQL/MP and CICS/DB2. Languages used were TAL, C, BAL, COBOL (II/85). Software used was TCP/IP socket calls for UDP protocol. Wrote an IP interface to communicate CDR data to a CICS program.

05/00-11/00 Independent Consultant

(Lead SNA and Network Technician) For VISA in San Mateo: Troubleshooting SNA:LU6.2/Ethernet TCP/IP software development problems for the Direct Connect project on Tandem (HP NonStop) and IBM platforms. Development of network and application test plans. Working with different groups on providing quality of service for delivery and reception of BASEII and ACH files for member banks. Assisted in the QA process for testing and debugging systems software for 100BASET 802.1/802.5 with encapsulated SNA protocol.

06/1998 - 05/2001

Applied Communications Inc.

AsTech Consultant/BASE24 Consulting/Development

01/01-04/01

For South Korean Stock Market: NET24 XPNET 3.0 Application

(Advisory Technician) Analyzed performance issues and improved throughput utilizing queuing techniques. Also, provided development and integration for serialization of Non-Stop modules. Utilized TAL and NS COBOL

05/99-02/00

For BP/AMOCO: (Sr. Lead BASE24 Analyst/Technician) BASE24/POS support for specifying, documenting, scheduling and designing performance enhancements to queuing and network configuration to remedy serious POS bottlenecks. Integrated TAL RPQs to fix card management problems. Y2K TAL changes and certification testing with exchanges and QA with simulated live transactions.

06/98-04/99

For FNB, ABSA and SA Clearing House banks in Johannesburg, SA: (Analyst) BASE24 Release 5.0.3 XPNET 3.0 Designed, specified and coded RPQs for POS/ATM for SmartCard support. Developed CSMs and plans for expansion of switch capacity and capability. Wrote specifications to integrate multiple TAL RPQs to existing BASE24 products. General networking assistance and inter-connectivity. Implementation planning.

1979-1998

Independent Consultant

03/98-10/98

CITIBANK (CGIN) in Long Island City, NY: (Lead Network Designer/Planner) Plan to enhance network infrastructure for global management and application deployment.

03/97-11/97

Wells Fargo in San Francisco, CA: (Sr. Database Technician) Design, development of COBOL85 SQL data servers to present wholesale banking money management data to remote web customers. The servers were developed for the Tandem platform.

05/96-09/96

PHAMIS Inc. in Seattle, WA: (Sr. Technician) Design and development of a Tandem based COBOL85 SQL-MP/ODBC data warehousing product.

03/95-09/95

Electronic Payment Services in Wilmington, DE: (Lead Analyst & Technician) Developed an ultra high performance Tandem/COBOL85/SQLMP server to process electronic transactions for MAC ATM cards. Developed TACL macro tools for testing.

05/94-12/94

GTE Mobile Communications in Houston, TX: (Technician) Real-time credit checking using HLS/LU2 written in TAL, X.25 written in "C". Automated provisioning for cellular voice mail with OCTEL switches written in C.

11/93-03/94

Sprint in Kansas City, MO: (Technician) Design and development of a real-time (CDR) call detail capture mechanism utilizing SQL ZLE techniques to analyze demographics for various marketing programs. Interface to windows GUI applications showing demographics of 800 number calling patterns. Capture application runs on a Tandem using "C" and a normalized SQL database.

05/93-10/93

Viking Freight in San Jose, CA: (Technician) Architecture, design, integration and implementation of a corporate wide procedural E-mail TAL/COBOL APIs for Tandem's Transfer package. System study to migrate from ENSCRIBE to SQL using data hiding techniques.

11/92-05/93

United Airlines (COVIA) in Denver, CO: (Technician) TACL/C/TAL "productizing" of all LU6 software for international distribution and installation. Developed QA test tools for Tandem to rollout software to various locals.

05/92-09/92

Flex/Sys Corp in New York, NY: (Database Technician) Troubleshooting SYBASE SQL performance problems with stored procedures on a VAX. Redesign of SQL procedures to meet performance requirements. Redesign of data normalization.

02/92-05/92

LILCO in LI, NY: (Technician) utilized Composer CASE tools to design and specify power management applications. For IBM mainframe helped in the development of MQ Series IP queuing algorithms.

12/90-02/92

Kaiser Permanente/Tandem TIES in Pasadena, CA: (Project Manager Cross Platform Development Tandem Professional Services) Developed, designed, documented and planned Tandem and IBM SQL database synchronization with CDF for on-line appointments (OPAS). Application integration and data flow analysis. Synchronous SQL databases contained 4 mil patients and 31 mil appointments with history. Sophisticated bi-directional transaction trapping store and forward method utilizing LU6.2. Was responsible for all QA and releasing of both Tandem and IBM software releases. Managed a staff of designers and programmers.

11/89-12/90

Bank of America in Concord, CA: (Lead SNA and ATM Technicizan) Design, document plan and implement of TAL HLS/SNA simulators to support ATM network testing. IBM/IMS SLU-P (LU0) to Tandem EFT/ATM network throughput enhancement.

05/87-01/89

Coffee, Sugar & Cocoa Exchange in New York, NY: (Lead Database, Network and CASE Project Leader) Utilized CASE tools to design and specify floor trading operations. Utilized a project life cycle methodology on MACS. Developed a 3rd normal form SQL based Pathway and Cobol system for on-line market / time and sales activity for the trading floor. LAN implementations.

05/86-11/86 NYNEX in Harrison, NY: (Technician) developed an X.25 gateway for video text applications. Involvement with NAPLPS graphics design to migrate from MINITEL format.

05/85-01/86

Merrill Lynch in New York, NY: (Sr. Technician) Tandem specific functional requirements documentation and acquisition of a TANDEM intelligent network transaction, session and message switching system. Tandem/IBM automated network management tools using VSAM, TSO, PL/1, ENSCRIBE, TAL, COBOL, and ENFORM.

07/82-02/83

Chase at Chase Manhattan Plaza New York, NY: (Technician) implemented a PC call/put bond tracking system.

06/79-04/85

Citibank at 599 Park New York, NY: (Project Lead) Tandem development TAL, PATHWAY, and COBOL on-line telephony inventory and CDR system. Worked on their Tandem based directory system.

1973-1978

Montefiore Medical System in Bronx, NY

Assistant Director of DP. Blood Chemistry Systems Mgr.

Managed and directed Systems Programming and Operations with a staff 50. All major hardware and software acquisitions and long range planning. Project Director for all clinical laboratory automated systems. Designed major inpatient and outpatient systems. Extensive process flow documentation utilizing Yourdon structured analysis techniques. Data normalization for relational database applications. Senior member of both strategic and tactical planning groups.

1969 - 1973

Informatics Inc. River Edge, NJ - Sr. S/W Analyst

Designed, developed and implemented operating system software on Sigma 5,7,9 for high performance message switching systems for the Federal Reserve Bank of NY, Dun & Bradstreet, General Foods, AT&T and the Fed Govt. R&D EFT and securities transfer systems. Designed, developed and implemented systems software tools, aynsc/bisync line handlers, buffer management, message parsing and distribution algorithms, message retrieval and services subsystems. Developed prototypical communications systems for Dun & Bradstreet automata labs in NJ.