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www.harkinsaudit.com

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| 1990 to present | <p>Harkins & Associates, Inc. – Chief Technology Officer</p> <p>Invented and programmed the Real-Time Program Audit (RTPA) software utility, an iSeries (AS/400) RPG400 (RPGIII) and RPG ILE (RPGIV and RPG Free) programming productivity tool. Also developed RTPA for CLP, RTPA for COBOL, and RTPA Query. RTPA for RPG supports RPGII, RPGIII, RPGIV, RPG Free format, RPG ILE, and Embedded SQL RPG.</p> |
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Author: "How to Become a Highly Paid Corporate Programmer" McPress March 2004

http://www.harkinsaudit.com/docs/the_power_of_traceability_article_2009_final.pdf

Author: "On-Demand Forensic Accounting Worldwide with the Program Auditing
Universal Language" 2012
<http://www.harkinsaudit.com>

Inventor: U.S. Patent No. 6,755,827 Real-Time Program Audit (RTPA) August 10, 2004
Australian Patent No. [778165](#)

Invention: Real-Time Program Audit (RTPA) software for the IBM System AS/400 computer. Languages: RPG, COBOL, CLP copyrighted 2002, 2007

System i (i5, AS/400) programmer consultant at Appcon Consultants Inc. (Appcon)
www.appcon4.com)

in Ridley Park, PA., doing RPGIV application development and maintenance of major ERP systems for Appcon clients including G III, The Apparel Group in Dallas, Texas (2009 to present)

System i programmer consultant at the Jay Group in Lancaster, PA
a fulfillment company with large customers including Heineken, Hershey, CertainTeed,
Reebok, developing a Web FTP order logging process to highlight processing and errors
for Web reporting of client orders for fulfillment. (2008)

System i programmer consultant at Application consultants (APPCON) in Ridley Park PA, consulting with their customers including Warnaco, Inc. Milford CT on ERP programming (2007)

Siebel PC Software implementation on 400 Salesperson's PCs Dentsply, Inc. (2006)
Supported implementation of the Siebel PC software package York, PA Dallas, TX

iSeries Programmer consultant at GSI Commerce in King of Prussia, PA. (2006)
RPG ILE, CLP, Sub-Files, DDS, Aldon Change Management, JDA ERP package

iSeries Programmer consultant at Dentsply in York, PA. (2005- 2006) FDA environment
Advanced RPG ILE, RPG Embedded SQL and Interactive SQL, BPCS, Aldon Change Management, Electronic Support Center

iSeries Programmer at Jones Apparel Group (Jones New York), Bristol PA (2002-2004)
Staff RPGIII and RPGIV programmer responsible for developing and maintaining PkMS (Pick Ticket Management System RF wandling warehouse system from Manhattan Associates), JNY CRM applications supporting the Apparel Computing Systems (ACS) software package. Also trained and supported JNY programmers in the use of the Real-Time Program Audit (RTPA) for RPG, a programmer Productivity tool.

Consultant to several New York City Apparel companies (1999-2001)
Interfaced Retail Pro (a PC Retail package) to the JD Edwards OneWorld General Ledger on the AS/400. Also Interfaced ACS wholesale software to the JD Edwards General Ledger.

Consultant to Jones New York, Bristol, PA (1998 - 2001). Responsible for heavy PkMS enhancements to Radio Frequency applications (the lead PkMS programmer). and many advanced PkMS projects in RPG. Completed 42 significant projects.

Consultant to Fishman & Tobin, Inc., Philadelphia, PA (1999 - 2000).
PkMS programming, implementation and IT consulting to top management.

Consultant (including programming) to Computer Generated Solutions, Inc., New York (1996 -1998) Project Manager for multiple customer installations.

- Clients included Champion (1996), Leslie Fay (1997), Phillips-Van Heusen (1998)
- Applications: All ACS apparel applications, including corporate systems, order processing, manufacturing, distribution, warehouse management, EDI, and financial.
- Custom programming of hundreds of customer-specified reports.
- Custom programming of conversion to AS/400 from other hardware (MVS)

Consultant to Alfred Angelo, Inc., Horsham PA (reporting to the owner, Vincent Piccione) (1990-1995)

- Managed, designed, and implemented AS/400 RPG application development including:
- Corporate systems, order processing, customer service, manufacturing, distribution, and all financials.
- Developed shaded component (piece goods) inventory system
- Developed online Returns (RA) system
- Developed online Telephone Order Entry system
- Developed online Capacity Requirements Planning (CRP) system

- Developed online Material Requirements Planning (MRP) system
- Implemented the Lawson Associates, Inc., financial suite software applications.
- Implemented Focus Forecasting and Distribution Requirements Planning (DRP)
- ISD strategic Planning

1984 to 1990 Apparel Business Systems, Inc., Philadelphia, PA - Principal

- Responsible for software research, development, and implementation at clients
- Responsible for international accounts
- Project management and support of large accounts

1962 to 1984 IBM Corporation, Philadelphia, PA - Senior Systems Engineer

- Sole author of the original IBM Apparel Business System software product 1973
- Co-author of all other IBM Apparel Business System software products 1974 - 1982
- Invention: Disk storage Volume Calculator software (VOLCAL) 1970
- Invention: Software and resources Project Management and Control software 1972
- Senior technical person in the IBM National Apparel Support Center
- IBM National Award – Outstanding Achievement, San Francisco, July 6, 1972
- IBM Systems Research Institute 1970 in New York
- Author of twelve IBM publications
- Supported hundreds of IBM customers worldwide
- Member of the IBM IUP Hotel Package team (six months)

Author of four articles relating to programming for several major IT magazines
www.mcpressonline.com

Education and professional development

- 1962 Bachelor of Science – Commerce and Engineering (Industrial Engineer) – Drexel University
- 1969 Master of Business Administration (MBA) - Drexel University
 Masters Thesis – A comparison of the IBM Programming Languages: Assembler, COBOL, Fortran, PL/I, RPG
- 1970 IBM Systems Research Institute - New York City
- 2004 Delaware Valley Computer Users Group (DVCUG) Board of directors
- 2005 RPGWorld RPG computer conference – Las Vegas
- 2005 IBM COMMON conference – Orlando
- 2006 DVCUG annual Seminar on XML in RPG and WDS, RSE

APICS member for many years

