

Marc Alan Barman
5120 Gibbons Drive, Unit B
Carmichael, Ca 95608
(916) 672-8488 marc@marcbarman.com

January 28, 2012

OBJECTIVE

Senior COBOL, Assembler, and Database Developer.

SUMMARY STATEMENT

Developed major application systems, both for internal use and for sale as products. Excellent in troubleshooting and problem solving, on both technical and interpersonal levels. Typical roles for me are Software Developer, Database Developer, Systems Analyst, DBA, Consultant, and Technical Trainer.

QUALIFICATIONS

- Over 20 years in software development and management of software development processes.
- 15 years of COBOL and Assembler development.
- Over 20 years of Database design, development, performance tuning, and administration.

COBOL and Assembly Language Experience

Hewlett-Packart Co., Palo Alto, CA

- Developed and supported the MFG/3000 Material Requirements Planning Product, in COBOL and Image, the first manufacturing productivity software product sold by HP.
- Developed and supported the HEART Customer Order Processing System, which processed all of HP's customer orders, running 2 cycles daily. COBOL/370, Assembly Language, and Total DB
- Development and support of ROPS Repair Order Processing System. COBOL/370 application processing all of HP's Service Contract and Repair Order invoices.

IBM

- Development of Bill of Material, Inventory Control, Customer File, and online inquiry programs for Chicago-area DP Division customers. Assembly Language.
- FORMAC Project, IBM Boston Programming Center. Assembly Language, Fortran, and PL/1.

Powers Regulator Co., Skokie, IL

- Full life-cycle development of Fixed Assets Processing System, from gathering user requirements thru design, programming, testing, and release to production. COBOL.
- Asst Project Leader for new labor / cost system. Full life-cycle development. COBOL.

Union Special Machine Company, Chicago, IL

- Development and support of Bill of Material Processing and Inventory Control systems.
- Online Inquiry into Bill of Material database. Assembly Language and COBOL

DATABASE Experience

- Informix Corp, Menlo Park, CA. Informix Certified Professional. Consultant and Trainer to Informix Customers on database design, development, query-structuring, performance tuning, and administration. Taught every type of Informix course, from the most basic to the most advanced, at classrooms and customer sites nationwide. Did troubleshooting of customer problems.
- Hewlett-Packard Co, Palo Alto, CA. Informix, Image, Total, Access, HP-OODBMS; design, development, performance tuning, and administration.
- Kintana, Inc., Sunnyvale, CA. Oracle development and administration.
- Keymage Corp, San Jose, CA. SQL Server and MySQL development and administration.

OTHER TECHNICAL Experience

- Tools: Kintana Create, Kintana Deliver, FrameMaker, MS Project, MS Office, Emacs, PanValet, online debuggers (various), Supply Chain Mgmt, Technology Chain Mgmt
- Systems: HP-UX, OS/MVS, AIX, Unix, Linux, Mac OS-X, SunOS, Solaris, MS Windows, MPE/3000
- Languages: COBOL, Assembler, Visual Basic, HTML, C, C++, Pascal, LISP, PL/1, Fortran, Shell Scripts (sh, bash, csh, ksh)

CHRONOLOGY

- 1968 & 1969 IBM (Intern, Summers), Data Processing Division, Evanston, IL Field Office. Systems Engineering / Technical Sales Trainee. Performed consulting and troubleshooting at customer sites. IBM Assembler and COBOL. Implemented inventory control programs for Chicago Aerial Industries, customer file listing program for Chicago Musical Instruments, bill-of-material processing with BOMP for Union Special Machine Company, and prototyped online inquiries into inventory files for Union Special Machine Co. and Union Tank Car Corp.
- 1968 (Sep-Dec) Boston University (contract)
Developed Student Medical Insurance Enrollment Processing system. COBOL.
- 1969-1970: IBM (Intern) Boston Programming Center, Cambridge, MA.
FORMAC Project. Created and executed test cases for a symbolic equation manipulation tool. IBM Assembler, PL/1, and Fortran.
- 1973 - 1976 Hewlett-Packard, Corp. EDP Center, Palo Alto, CA. Developed and supported HP's customer order processing system (HEART), and Repair Order Processing System (ROPS). Managed the data center's first two HP3000 systems.
- 1976 -1984 Hewlett-Packard Co, Manufacturing Productivity Div., San Jose, CA. Developed four new commercial software products to do materials management in JIT and job shop environments, shop floor control, and maintenance management, including MFG/3000 in COBOL.
- 1984 - 1985 Hewlett-Packard, Systems Engineering Organization, Tel Aviv, Israel
Implemented MRP/SFC/CRP system at customer site. Managed programmers.
- 1985 - 1990 Hewlett-Packard, Corporate Engineering, Palo Alto, CA. Technology Transfer Manager and Educations Services Manager. Created curriculums for the transfer of new software technologies into HP's various R&D Labs. Seeded the development of breakthrough products by transferring Artificial Intelligence, Object-Oriented Programming, Relational Database, and Networking technologies, design methods, and tools to the R&D labs.
- 1990 - 1997 Hewlett-Packard, Corporate Materials Systems, Palo Alto, CA. IT Engineer / DBA / Project Mgr. Component Information Center Database: eliminated corrupt data, found and eliminated procedural bugs, improved ease-of-use. Created interface from new PC Board CAD system to CIC Database, enabling access to critical business intelligence.
- 1997 - 2000 Informix Software, Inc. Menlo Park, CA. Consultant / Trainer. Informix Certified Professional. Consulted, taught, and trouble-shot the usage of Informix databases for customers. Managed Menlo Park Training Center.
- 2000 - 2001 Kintana, Inc., Sunnyvale, CA. Primary Technical Instructor. Trained Kintana customers world-wide. Managed training servers and databases.
- 2001 - 2002 Keymage, Inc., San Jose, CA. Technical Marketing Manager. Managed relationships with Beta Test sites.
- 2003 - 2009 Self Employed. Outside Sales of Home Improvements for Vinyl Design, Inc of Sacramento, CA.
- 2010 - Now Sumrall Solutions, LLP. Sr. Programmer consulting to California DMV IT Modernization Project.

EDUCATION

MBA, Stanford University, Palo Alto, CA

BSEE, Massachusetts Institute of Technology, Cambridge, MA. Electrical Engineering (Semiconductor Fabrication), Thesis: "An Experimental Investigation of Physical Properties of Threshold-Type Amorphous Semiconductor Devices".