Ralph Katz, CEI, CEM

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EDUCATION

B.S. Mathematics, University of Michigan, Ann Arbor, MI, 1972

Programming courses in FORTRAN, PL/1, COBOL, SNOBOL IV,
BASIC, IBM 360 and DEC PDP-8 assembler languages,
Compiler construction and timeshare operating system design.

Professional training in Network Protocols, Oracle, MS Visual Basic,
MS Access, Allen-Bradley PLC-5/ICOM,
Netware 4.0 CNE and Windows NT support.

PROFESSIONAL CERTIFICATIONS / ORGANIZATIONS

Certified Enterprise Integrator (CEI), Society of Manufacturing Engineers, 1997

Certified Engineering Manager (CEM), Society of Manufacturing Engineers, 2004

Engineering Management Certification Fundamentals (EMCF), ASME, 2008

Member, Society of Manufacturing Engineers

Past **Treasurer** & **Director**, Southeast Michigan iServer Users Group

EXPERIENCE

1991-Present *Chrysler LLC (Ajilon, Inc.)* – Warren, MI   (1995-Present)
Network Analyst
Full-service First Level Support for computer operations at Warren
Stamping Plant. Specialize in manufacturing shop-floor software support.
- MS Windows 95 / NT / 2000 / XP, Netware 5, TCP/IP, MS Office.
- MS Active Directory, Lotus Notes, Rumba.
- Rockwell A.I.5 / Panel View / RSLogic PLC logic software.
- Robotron, Square D and Bosch weld control software.
- ISO-9002 certified.

Programmer Analyst (1991-1995)

Full-service life-cycle software application development. Analyze needs, generate applications and documentation (Visual Basic, Clipper, etc.).

- Applications included image retrieval, overtime scheduling, training records, manpower performance and quality control.
- Network and PC operations support; Managed system security/backup.
- Installed network hardware (servers, jukeboxes and LAN equipment.)

1982-1991   *Bechtel Corporation* – Ann Arbor, MI

Network Manager

Responsible for VAX / VMS and Pathworks.

- Installed/maintained/tuned system and network hardware and software including servers, routers and cabling.
- Trained customers and support personnel.

Prior responsibilities included:

CADD Department Lead

- Installed/maintained Integraph MicroStation and AutoCAD software and related hardware.
- Coordinated development of menus and other productivity aids.
- Selected/implemented CAD drawing conversion software.
- Supervised CAD support staff.

PC Technical Support

- Selected/procured/installed/maintained hardware and software.
- Worked with vendors; trained support staff.
- Implemented PC data backup system.
- Made presentations at technical seminars.

Programmer

- Database systems development (RPG III, dBase III, Clipper).
- Application development for large nuclear power plant.

Telecommunications / Operations Support

- Support contact for Nortel SL/1 PBX (1800 lines).
- Primary technical contact for three IBM System/38 sites.

<u>ACTIVITIES</u>

Amateur Radio - Extra class license
HF/VHF/UHF voice, PSK31, slowscan TV and RTTY digital modes
Amateur Radio License Examiner (VE) certification - 2003-Present
VoIP repeater support (IRLP, Echolink)
Freelance Musician - Member Ann Arbor Federation of Musicians