

# Lawrence J. (Larry) Kaufman

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## SUMMARY

IT Professional with extensive experience in systems, software, network engineering and database design within supply chain, financial services and research and development organizations. Quickly adaptable to new systems with expertise in effective translation of technology to end users. Ability to understand complex interactions within and between systems (application, database, network, firewalls, storage). Proven success coaching and mentoring team members in design methodology, development and problem solving.

## TECHNICAL SKILLS

Languages	Java; C; PERL; sh (Bourne, Korn); awk; sed; REXX
Operating Systems	Linux; UNIX; Solaris, AIX, System V; Windows
Database	DB2/UDB; Sybase (including DB-Lib, CT-Lib, and JDBC); MS SQLServer
Communications	TCP/IP, UDP/IP, ICMP, DNS, LDAP, TELNET, SSH, SMTP

## PROFESSIONAL EXPERIENCE

**Cardinal Health**, Dublin, OH **2010-current**

The business behind healthcare, providing an integrated offering of innovative products & services to help hospitals, pharmacies and other healthcare providers.

**Senior Engineer, Software Engineering**

- Technical Lead for the Technical Refresh and convergence project to combine the Medical and Pharmaceutical eCommerce Websites onto a single platform, to upgrade of WebSphere 6.0 to 7.0 Commerce, Portal, Content Manager, and Application Server and their 32 bit JVMs, reduce infrastructure requirements, and position the systems to simplify customer's ordering products from different business segments. Lead effort to come up with a combined data model.
- Responsible for operation and stability of the website through which Cardinal Health's customers search for products, place orders, check status, view invoices. Lead performance and stability improvement SWAT teams.

**Goldman Sachs & Co.**, New York City and Jersey City, NJ **1996-2009**

Global investment banking, securities and investment management firm

**Vice President, Technology Infrastructure Software Development** (1997-2009)

**Principal** (1996-1997)

Systems Engineer, Software Architect, Technical Lead, Developer

- Implemented Access Management system to automate provisioning and disabling of accounts and privileges (Kerberos, Windows, Exchange, Access Cards) based on changes in Identity (joiners, transfers, leavers) resulting in one week speed up in account creation of most accounts and saving half a person.
- Ace in the hole problem solver, used to troubleshoot critical systems issues. Called in when firm wide web site discarded 80+% of email notifications. Identified issue and developed patch, quickly restoring proper operations.
- Designed and led team to implement Mobile Technology ordering system providing automated provisioning of remote access enabling efficient global rollout, saving approximately one person.
- Implemented automation for dynamic bandwidth management for internal IP network over international circuit switched network, allowing more voice calls to travel over leased circuits, reducing leased line subscription by over \$30,000/month.
- Implemented IDNX trunk dialup over ISDN using Ascend Routers for automated backup of interoffice leased circuits for improved recoverability and reduced outage time.
- Designed Change Management Integration Architecture linking independent request, inventory, and change systems to support tracking requests moving among systems.
- Completed Y2K validation and upgrade for applications, AIX, OS/2, and Solaris.
- Coached and mentored members of department in design methodology, development, and problem solving.
- Managed group, maintaining Remedy for the User Support Groups (Help Desks), participated in managers meetings, bringing business requirements to development team and educating managers in current technology, determining what can be implemented quickly and what requires a more substantial development effort resulting in better delivery to services to USGs.
- Led departments' efforts to set up teams in new office in Bangalore.

**Kaufman.COM, Inc., New York, New York**  
**President and Principal Consultant**

**1992-1996**

Provided consulting for investment banking client in areas of network engineering, operations, and management.

- Configured MAX/Enterprise to identify when network devices locked up, reducing outages from hours to minutes.
- Designed and Implemented Disaster Recovery Automations to reconfigure voice and data circuit networks to rapidly reroute calls across alternate networks, replacing a 30 minute manual process with 3 minute automated process.

**BBN**, Cambridge, Massachusetts **1983-1992**  
ARPANET/Internet Pioneering Research and Development Organization  
**Systems Engineer**, Columbia, Maryland (1987-1992)  
**Technical Support Engineer**, Stuttgart, Germany (1985-1987)  
**Software Support and Test Engineer**, Cambridge, Massachusetts (1983-1985)

- Project leader and chief developer providing security enhancements to commercial X.500 system, adding public key cryptographic authentication (X.509) over DAP and DSP.
- Received Employee Excellence Award.
- Designed, developed, and performed independent validation and verification for BBN's InfoMail, TAC, PSN, NU, and BBN O/S
- Held TOP SECRET/SI Clearance (NSA SBI and polygraph).

**Bell Laboratories**, Piscataway, New Jersey **1979, 1981**  
**Intern, UNIX Systems Engineering Group**, Summer 1979, Spring/Summer 1981

- Assisted in porting UNIX to 3B20, tested new microcode for floating point arithmetic.
- Implemented 3270 BISYNC on PDP11/70 intelligent communications processor to allow the reuse of existing BISYNC terminals within AT&T.

## EDUCATION

**M.S., Systems Management  
Certificate, Information Systems**  
University of Southern California, Stuttgart, Germany

**B.S., Computer Science and Engineering**  
Massachusetts Institute of Technology, Cambridge, Massachusetts

## PROFESSIONAL AFFILIATIONS

- Institute of Electrical and Electronics Engineers (IEEE), since 1985, Senior Member 2009.
- Computer Society of the IEEE, since 1985.
- IEEE Communications Society, since 1988.
- MAXM Systems User Group, 1996-2000, President 1998-2000.
- Armed Forces Communications and Electronics Association (AFCEA), 1986-93.