



Michael Sullivan

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Distributed Thinking Systems GitHub: <https://github.com/unixwzrd> LinkedIn: <https://www.linkedin.com/in/unixwzrd>

Profile

Experienced IT professional with over 30 years in the technology industry, including 15 years of managerial experience in the financial sector. Expertise in IT financial transactions operations, regulatory compliance, budget management, and vendor relations. Strong background in architecture, development methodology, project management, and implementation for distributed UNIX/Linux and Oracle database systems. Proficient in client engagement, technology solution development, strategic planning, and risk management in the banking and financial services domain.

Experience

FOUNDER AND PRINCIPAL, DISTRIBUTED THINKING SYSTEMS LLC, MEMPHIS, TN- AUG 2023 - PRESENT

- Leading the development of AI-based solutions and open-source projects.
- Implementing machine learning models and tools on macOS.
- Collaborating with clients to deliver custom AI solutions tailored to their needs.
- Managing project timelines, resources, and deliverables to ensure high-quality outcomes.

UNIX SOLUTIONS ARCHITECT, ECS FEDERAL, MEMPHIS, TN – NOV 2020 - AUG 2023

- Managed the applications release process in an Agile environment from development to production, ensuring quick and efficient delivery with contingency plans.
- Troubleshoot logistics systems and applications issues across all environments for the US Postal Service.
- Provided Unix Systems Support for 900 Unix/Linux servers in development, test, QA, and production environments.
- Supported operating systems issues arising from applications, including performance tuning and permissions alignment.

PRINCIPAL, CONSULTING SERVICES, DCS, LLC, NASHVILLE, TN – MAY 2009 - NOV 2020

- Designed and implemented VPN and firewall services using pfSense, Snort, IPSec, and OpenVPN.
- Led an international team to create an IaaS appliance, managing storage, compute, and control components in a single rack.
- Designed a small/medium-sized business NAS storage appliance with data encryption, compression, and deduplication.
- Developed a backup service for DaaS cloud-based storage.

MANAGER - PRODUCTION DIV., AOZORA INFORMATION SYSTEMS, TOKYO – FEB 2006 - MAY 2009

- Managed a \$33M budget and prepared reports for senior executives.
- Reduced costs through consolidation using VMware on Linux, achieving a 15% year-over-year savings for two years.
- Co-managed a team of 25 administrators and led project work.
- Built a CMDB for cataloging datacenter and desktop hardware, and implemented a cost allocation model for IT services.

PRINCIPAL, CONSULTING SERVICES, DCS, LLC, TOKYO – MAY 2005 - FEB 2006

- Managed the migration of internet services, including software upgrades and system configuration for a data center relocation.
- Created a proprietary online trading system for a private hedge fund in Tokyo.

ASSOCIATE DIRECTOR - HEAD OF SYSTEMS, KBC SECURITIES JAPAN, TOKYO – MAY 2002 - MAY 2005

- Managed a team of 5 employees and provided daily systems operations support.
- Supported global standardization of systems architecture and infrastructure.
- Managed market data support for Bloomberg and Reuters platforms..

MANAGER OF DISTRIBUTED UNIX SYSTEMS, CABLEVISION, LONG ISLAND, NY – OCT 2001 - APR 2002

- Managed a team of 15 UNIX Systems Administrators providing 24/7 support for critical operations.
- Oversaw a \$1.5M annual budget and provided mentorship to junior staff.

PRINCIPAL, CONSULTING SERVICES, DCS, LLC, NEW YORK METROPOLITAN AREA – OCT 1994 - OCT 2001

- Managed teams of 4 to 15 UNIX Systems and Database Administrators.
- Designed and implemented strategic information system architecture for internet commerce applications.
- Developed and managed backup and recovery plans for client data centers.
- Clients: NYNEX, Sun Microsystems, skymall.com, Recollections Inc.. (Zing), InsureMyTrip.com

VICE PRESIDENT/SYSTEMS ARCHITECT, MERRILL LYNCH, NEW YORK, NY – APR 1992 - OCT 1994

- Led the development and implementation of applications and systems architecture for a financial systems migration project.
- Provided development support and training to a staff of 200 developers.

Awards:

- Merrill Lynch President's Award for Excellence - First Quarter 1993

PROJECT MANAGER, SALOMON BROTHERS INC., NEW YORK, NY – AUG 1987 - APR 1992

- Designed, implemented, and supported a national network infrastructure for investment banking.
- Managed a staff of 12 administrators and developers, and successfully managed the relocation of the investment banking group to a new headquarters.

Awards:

- Business Technology Organization Communications Award - Feb 1991
- Business Technology Organization Communications Award - Feb 1990.

Technical Skills

Applications: Microsoft Office, iWork, Omni Graffle, Omni Plan

Software: Visual Studio Code, ServiceNow, X Window System, ZFS, GFS, Veritas, Sun Disk Suite, Apache, Tomcat, LDAP, DNS, NIS, Sendmail, Git/GitHub, Subversion, CVS, NFS, CIFS, Secure Shell (SSH), Tripwire, NMAP, Snort

Database: Oracle 10g, 9i, 8i, 8.x, 7.x, PostgreSQL, MySQL, SQLite, Redis, Berkeley DB

Programming: Bourne/Ksh/Bash Shell, Python, Perl, C, SQL, Ruby, HTML, XML, UML, JavaScript, PL/SQL

Systems: OpenSolaris, Solaris, Linux, macOS, OS X Server, VMWare, VirtualBox, Windows, MVS (z/OS), TSO

Network Infrastructure: TCP/IP, PPP, NTP, HTTP, SMTP, POP3, IMAP, SNMP, NNTP, NAT, Cisco Router Configuration, Firewalls, IPSec, OpenVPN, pfSense, SSH Tunneling, Oracle SQL*Net, FIX, Bloomberg, Reuters, F5

Hardware: Apple Silicon, Sun SPARC, Intel x86, EMC

Education

Vanderbilt University, Nashville, TN - Post Graduate (PhD work), Neuroscience/.Psychiatry, 2014 - 2016

University of Texas, Arlington, TX - BBA, Information Systems, 1987

Languages

English: Native

Japanese: Basic

Licenses and Clearances

- USPS Public Trust Clearance - valid through November 2025
- FAA License: Private Pilot, Airplane Single/Multi Engine Land - Instrument Airplane