

# William Favorite

wfavorite@tablespace.net  
(720)-289-8142

## Overview

I have over a decade experience of successful customer-facing engagements in a diverse range of industries. This experience has ranged from technical consultation, day-to-day admin, to managing general IT projects. During these engagements I have created solutions using a wide variety of solutions tailored to an equally wide variety of technical and business problems. - I have chosen, and continue to work, in this industry because of the personal satisfaction and enjoyment I receive from using technology to solve problems. - My primary focus has been Unix / Linux system administration, Oracle, and storage administration.

## Product Experience

*List includes recent projects, products that are a regular part of daily activities, or were frequently used during the last job description(s).*

- Unix - AIX, Linux, Solaris
- IBM pSeries Servers (Power 4, 5, 6)
- pSeries VIO Server – PowerVM
- Sun SPARC Servers (M/T series)
- Red Hat Linux (> 15 years Linux)
- IBM BladeCenter
- LSI/Engenio, IBM DS4x00 Arrays
- Solaris DTrace – AIX ProbeVue
- IBM HACMP
- Oracle 8, 8i, 9i, 10g, RAC
- Oracle Advanced Replication, Standby Server (DataGuard), etc...
- Veritas, Oracle, Sun Initiative (VOS)
- EMC DMX Arrays, PowerPath
- Hitachi Thunder / Lightning
- VMware ESX
- Sun LDom, Zones
- SuSE Enterprise Server
- Solstice Disk Suite, Sun VM
- Linux, x86-64, and Power versions
- Apache, Tomcat, Web services
- Veritas VxVM, VxFS
- FreeBSD, BSD variants, Darwin / Mac OS X
- Brocade, McData, & other SAN

## Product Exposure

- HP OpenView
- Veritas Cluster Server (VCS)
- BEA Weblogic
- BladeLogic
- Sun Cluster 3.0
- F5 BigIP, 3DNS
- Checkpoint Firewall
- Lotus Domino
- TSM - NetBackup

## Certifications

- IBM Certified AIX Instructor
- IBM Certified Advanced Technical Expert -- IBM System p5 2006
- Oracle 8 & 8i OCP
- IBM eServer Certified Specialist -- pSeries Administration and Support for AIX 5L v5.2
- IBM e(logo)server Certified Systems Expert -- pSeries Enterprise Technical Support
- IBM Certified Systems Expert -- eServer p5 and pSeries Enterprise Technical Support AIX 5L V5.3
- IBM Certified Specialist -- IBM TotalStorage Networking and Virtualization Architecture V2
- VMware VCP (2.5 and VI3)
- IBM Certified Systems Expert -- IBM System p5 Virtualization Technical Support
- IBM eServer Certified Systems Expert -- pSeries HACMP for AIX 5L
- IBM Certified Specialist -- eServer p5 and pSeries Administration and Support for AIX 5L V5.3
- IBM eServer Certified Specialist -- p5 and pSeries Technical Sales Support
- IBM Certified for On Demand Business -- Solution Designer V2
- Sun Certified System Administrator (SCSA) Solaris 10

## Technologies / Languages

- C, C++
- HTML, XML/XLS, DHTML(XHTML), JavaScript, CSS)
- TCP/IP
- DTrace, ProbeVue
- Perl (and modules)
- SQL, PL/SQL
- Mail (SMTP, POP3, IMAP), LDAP
- LaTeX
- Ethernet, LAN, WAN
- Unix System Programming
- Java, SQLJ, JDBC
- ksh, sh, bash Unix shell scripting
- OLTP, OLAP, DSS
- Various RAID technologies, SAN
- RCS, make

## Training

List includes only training taken during the latest job descriptions.

- IBM pSeries systems
- AIX 5L Jumpstart for Unix Professionals (Instructor)
- Sun E15K
- Hitachi 7700, 99X0
- Sun storage & software
- Storage Tek 9176
- Intel Switches, iPivot products
- RMOUG Oracle Training Days
- IBM Tivoli Maestro
- VMware
- Veritas Cluster Server - VCS
- Brocade SilkWorm
- Numerous hardware / software vendor training
- IBM nSeries storage
- Veritas Volume Replicator – VVR
- IBM data migration tools

## Work History

### Independent / Community Efforts

2000 – Present

- Created and maintain a popular Unix information web site that hosts QuickSheets, scripts, code samples, utilities, and white papers.
- Both AIX and Solaris QuickSheets are number one in SERPs for leading search engines.

### Ergonomic Group – Westbury, NY

May 2008 – Present

Senior Unix System Engineer / Architect

- Key resource in developing a dedicated IBM (System P / Storage) practice.
- Consulted and provided temporary staff augmentation for high profile NY based financial market customers.
- Designed and deployed solutions using entire System P line up to and including p595 (9119-FHA).

### Putnam Investments – Boston, MA

September 2007 – May 2008

Senior Unix System Engineer / Architect

- Wrote a comprehensive Unix standard to govern both current Unix deployments but to also forward looking views on future developments in the Unix marketplace.
- Wrote utilities in C and shell scripts for reporting and daily management needs. Specifically, I wrote a tool to report multipath information from the native Linux multipath tool. This involved reviewing kernel code to determine functionality of the erroneous and poorly documented Linux multipath API.
- Wrote a Java (Swing) based utility to manage an entirely new Sun JumpStart process of my design. Wrote significant documentation of the tool, the process, and procedures of Solaris JumpStart at Putnam.
- Architected and deployed high profile Sun Solaris solution using the latest m-Series systems from Sun.

### Integration Systems (iSys) – Deerfield Beach, FL ~ San Juan, PR

April 2005 – September 2007

Senior Unix System Engineer / Architect (New England, Puerto Rico region SE)

- Designed, deployed, and managed solutions using IBM pSeries systems from p510 through p595 using whole partitions, DLPARs, and APV methods.
- Designed, deployed, and managed highly available solutions using HACMP, Oracle RAC, and related technologies.
- Wrote AIX utilities in C and shell scripts for reporting and daily management needs.
- Provided consulting services for AIX, storage, Linux, and Oracle database needs for a variety of customers and configurations.
- Deployed IBM DS4000 series storage in Linux, Power (pSeries) Linux, AIX, and Windows environments.
- Deployed and maintained IBM BladeCenter solutions to include network and SAN configurations.
- Instructed formal (official IBM) and informal training on IBM products and Unix concepts.

### Detroit Edison - Detroit, MI (Contract Position)

March 2003 – April 2005

Linux / Unix System Administrator

- Implemented and scaled a Linux infrastructure from 2 initial servers to over 130 servers with over 12,000 users. Part of a greater team of engineers that was responsible for the operations of over 500 AIX, Solaris, and HP-UX servers.
- Developed standards and methods for server deployment, management, and monitoring to include written documentation, software tools, processes and procedures.
- Frequently used access to source code to solve problems with open source products.
- Developed several ITO agents and tools using C, Perl, and shell scripts for comprehensive Linux, Unix, and application event and status monitoring.
- Worked with vendors and company management to provide the best mix of support using in-house, public-domain, and vendor supplied support with the goal of providing the best open source support in an enterprise environment for the most reasonable cost.

**Vicorp Inc.** - Denver, CO (Temp / Contract Position)

July 2002 – March 2003

System Administrator (Disaster Recovery Project)

- Developed, deployed, documented, and managed a comprehensive Disaster Recovery plan for critical IT systems. This plan reduced a significant portion of annual IT expenses by leveraging existing company resources rather than relying upon expensive third party DR contracts.

**GE Access** - Littleton, CO

February 2000 – July 2002

Technical Solution Engineer

- Developed solutions focused primarily on Oracle (DB/App), storage (tier-2), and Sun (Solaris, Sun Cluster, Veritas) products.
- Managed Unix, Linux, and NT servers in a highly dynamic lab environment that contained production, development, and test systems running a wide variety of software. Provided support for customer functionality and performance evaluations in an adjoining lab.
- Developed a "one-click" Oracle install as an extension to the Solaris JumpStart process to include Veritas Volume Manger (VxVM) encapsulation. Solution was based upon industry best-practices, and included complete documentation.
- Evaluated new products and designs for possible inclusion in GE Access offerings. Evaluations were primarily concerned with storage and storage management products.
- Developed and consulted on solutions focused primarily on VOS, Oracle, storage, and Sun products.
- Created benchmarking applications that generate OLTP and OLAP type loads against Oracle instances for the purpose of evaluating various hardware solutions. These applications were specifically designed to stress row chaining, database fragmentation, high volume inserts and deletes requiring relational integrity, and other problematic load issues.
- Created an automated web-based database configuration application that simplified Oracle deployments.
- Developed internal Oracle-backed web sites in Perl DBI::DBD, Java (servlets), and Oracle 9iAS / Portal.
- Evaluated and benchmarked various storage solutions on software and hardware platforms using Oracle databases.

**Lewan & Associates** - Denver, CO

March 1997 - February 2000

Senior System Engineer - System Engineer

- Provided support for HP-UX 10.20 and 11 servers.
- Developed environmental control archiving applications for FDA validated systems.
- Was one of the first RHCEs under the new Red Hat certification program (class number two).
- Designed, installed, and supported Linux based Sendmail~POP/IMAP, LDAP, and various infrastructure servers.
- Primarily provided pre and post-sales consulting on systems and database projects. Engagements typically involved pre-sales solution development, solution implementation and best practices consulting (often following a crisis or recovery engagement).
- Developed a Documentation ToolKit for Linux and NT that was used to provide rapid documentation of installed servers / services. This included scripts and documentation templates to assist in the creation of a solid documentation foundation. These packages were deployed with InstallShield (NT) and RPM (Linux) formats.
- Developed a Best Practices regimen for benefit of sales force, junior engineers, and system consistency in absence of policies at deployed sites.
- Managed, implemented, and designed multiple server / desktop deployments greater than 100 users. Worked in environments with thousands of users.
- President's Club Member

*Intervening time includes positions related to my current work but either in a more junior capacity or on older technology. These have been omitted in an effort to keep this resume relevant to future positions and under 4 pages. Information on these positions is available upon request.*

**United States Marine Corps**

July 1985 - July 1991

Sergeant - Aircraft Firefighter

- Received RE1A reenlistment code (Honorable Discharge).
- Sergeant (E5) in Gulf War. Managed order amongst chaos.

References available upon request.

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