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INFORMATION TECHNOLOGY
Build & Release • Project Management • Configuration

Accomplished INFORMATION TECHNOLOGY professional with a strong, over 15-year, record of success managing and programming large BUILD & RELEASE and CONFIGURATION MANAGEMENT projects. Earned *Bachelor of Science in Applied Mathematics with a Specialization in Computing.* Lead development of successful Build & Release and Configuration Management projects by using extensive technical and leadership expertise to streamline operations and upgrade products to new platforms.

Demonstrated excellence while leading teams and executing build and release/configuration management projects for **Big Microsystems, MyNet** and **DEC.** Build high-performance teams by hiring, guiding and training technical personnel. Ensure product quality through effective testing and development protocols and documentation. Sought after for high-level expertise in InstallShield, CVS, ANT, C++ and JAVA on Windows, UNIX and DOS platforms for PC, Sun, HP and IBM hardware platforms.

PROFESSIONAL EXPERIENCE

BIG MICROSYSTEMS (*formerly* **RELEASE TECHNOLOGIES CORPORATION)**, Atlanta, GA   6/2002-11/2007
International division of Big Microsystems supplying Business Integration Software with $55 million annual revenues and 300 employees worldwide.

Build and Release Engineering Manager / Senior Build and Release Engineer (5/2005-11/2007)
- **Managed successful, on-time, high quality builds and releases of all Release products** by managing, scheduling and training a 3-person engineering team located in the United States and India.
- **Oversaw $250,000 personnel and equipment budgets** with effective controls and strategic planning.
- **Informed senior management on department functions** with an operations overview presentation.
- **Streamlined operations** by taking over responsibilities and leading team to perform customer fix releases.
- **Slashed build and packaging time 50%** by creating new process to consolidate multiple fixes and software updates into one update package to release to customers.
- **Improved training and reduced time to develop expertise** by writing comprehensive Configuration Management documentation, covering a wide range of processes.
- **Eliminated conflicts which caused improper testing of maintenance code changes** by changing procedures to merge customer fix changes with maintenance changes prior to testing the release.
- **Reduced time to create files for Escrow accounts 75%** by automating manual build processes.
- **Developed effective disaster recovery plan for new CVS server** by replacing old server which did not have source code with new CVS Source Code and patches which worked with existing Perl Scripts.
- **Sought after by developers** for CVS database support and problem resolution.
- **Converted operations to Big Microsystems methodology** after Sun acquired SeeBeyond.
- **Built and released all Business Integration Software for company** by leading team for a $250,000 project to create and upgrade JAVA-Common Application Platform (CAP) v 5.x.x Suites using CVS, Windows Shell Script and ANT for over 1000 customer sites worldwide.

Senior Software Engineer (9/2002-5/2005)
- **Upgraded eGate product line to support the HP Itanium 64-bit Platform** by working with a 3-person team on a $400,000 project to build, test and modify a new JAVA Runtime Environment (JRE) and update Windows and InstallShield platforms using dbx, UNIX Shell Scripts, MS Visual Studio and CVS.
- **Discovered and spearheaded fix of SAP ALE UNICODE Driver v 5.0 memory leak** by developing detailed documentation to clearly demonstrate problem while upgrading from an SAP ALE C++ connector.
- **Resolved critical file corruption problem when upgrading to CVS Server v 1.11.1** by analyzing problem and creating robust patch to fix problem as key member of the emergency response team.
- **Allowed users to upgrade eGate 4.5.x product line from Oracle 9 to Oracle 10g** by upgrading code to run both Windows and UNIX installations from the JRE 1.3.x to the JRE 1.4.x environment.

Contracted InstallShield Expert (6/2002-9/2002)
- **Ensured new version of company's product, eGate 4.5.3, would only install on Windows XP** by upgrading SeeBeyond Suite Installations from InstallShield 5.5 to InstallShield 6.3.
- **Enhanced and simplified eGate 4.5.3 Visual Basic Wizard component installation** by creating a innovative, single configuration file which worked for both Windows and UNIX installations, including multiple Wizards using UNIX Shell Scripts and Windows InstallShield protocols.
- **Hired as a permanent employee** based on configuration project successes.

MARKET MEDIA, Atlanta, GA 5/2002-9/2002
Start-up company selling IT services.
Information Technology Engineer
- **Facilitated working networking, telecommunications and software systems** for a new, 100-person men's clothing manufacturer headquarters location by setting up, testing and installing CAT5E and CAT3 cables, RJ11 and RJ45 receptacles, workstations and Windows, MS Office and Norton Antivirus software.

MYNET, Atlanta, GA 4/2000-11/2001
Leading nationwide provider of consumer Internet and media services with over 50 million customer base.
Lead Installation Programmer
- **Streamlined, controlled and vastly improved installation programs** for the internal NtBet organization and over 6 million external Internet customers by using expertise in InstallShield, CVS repositories, Windows, Internet Explorer, TCP/IP, Direct X, Flash and Dial-up Networking.
- **Supported Quality Assurance initiatives** with detailed installation and test plan documentation.
- **Saved MyNet operations** by creating a robust and complete backup of all internal installation programs.
  - **Developed effective and efficient backup procedures** by creating a CVS repository for all NetZero installation programs, including documentation for backups and disaster recovery.
  - **Allowed multiple developers to make code changes** by restructuring files and using CVS Update commands with the ability to add, delete and track file versions to reduce file sharing.
- **Increased revenues significantly** by enhancing installation procedures and software for Internet customer base with co-branded and customized installations for partner companies.
  - **Enhanced customer experience with many more successful installations** by making installation enhancements, including Operating System (OS), disk space, modem and browser compatibility checks and installation of missing Microsoft Networking, DirectX and Flash components.
  - **Generated additional revenue** when more users viewed MyNet partners' advertisements.

DEC CAD, Atlanta, GA 4/1989-6/2000
Computer Aided Design / Computer Aided Manufacturing joint venture with several owners and partners.
Contracted Installation Release Programmer (4/2000-6/2000)
- **Fulfilled company's contractual obligation to release the final version of the Quadrix Design System** by making installation and packaging enhancements using InstallShield, Windows, Easy CD Creator, UNIX, MPS Toolkit and Lotus Notes.

Installation Release Programmer / Configuration Management (2/1996-3/2000)
- **Provided support to Quality Assurance personnel, developers, documentation personnel, Manager of Information Services, Configuration Managers and other managers** by developing installation products for all DEC Cad products on DOS, Windows and IBM, HP and Sun UNIX platforms using ISO 9660 CD-ROM, floppy disk and cartridge tape media.
- **Upgraded installation platforms and procedures as technology changed** including upgrades from DOS to Windows 95 platform and from InstallShield Professional 3 to InstallShield Professional 5.5.
- **Demonstrated programming expertise** by developing MSVC++ based software and using UNIX borne/korn shell, awk and sed scripts for custom tools for programmers.

Software Quality Assurance / Technical Support Engineer (1/1994-2/1996)
- **Grew company sales** by developing installation programs to support Windows 3.1 using winstall.
- **Improved quality** by creating and documenting functional and system test plans and testing third-party DXF, DWG, IGES and STEP translators which were incorporated into company's products.
- **Enhanced customer service** by providing technical support and resolving installation problems.
- **Fixed Oracle customer database mapping during upgrade from DOS to Windows** by developing and documenting new, more intuitive key mapping file.

Software Quality Assurance Project Manager (12/1991-1/1994)
- **Ensured product quality** during conversion of programs from DOS to UNIX by hiring and managing 5 quality assurance engineers for testing on IBM RS/6000, SUN OS and HP-UX platforms.
- **Sought after for key technical support** as advisor to 10-person team.

Software Testing Engineer (4/1989-12/1991)
- **Complied with ISO 9000 specifications** by using Formal Development Cycles to develop and conduct testing plans, including black box testing methodology and C programming for Mainframe and Professional CADCAM on MVS, VM with ISPF and IBM RS/6000 with AIX, X Windows and Motif platforms.
- **Controlled Interactive Graphics System (IGS) updates from hardware vendors** by developing a common location with dated structure using UNIX on an HP Apollo 3000.

EDUCATION & TRAINING

UNIVERSITY OF GEORGIA, Athens, GA
Bachelor of Science in Applied Mathematics with a Specialization in Computing

Managing Within the Law • Respect in the Workplace: Understanding & Preventing Sexual Harassment
Enterprise Integration Solutions (Delta) • DEC Cad Development & Configuration
Using InstallShield 5.0 • Advanced InstallShield 5.0

TECHNICAL EXPERTISE

Programming Languages: UNIX Shell Scripting (18 years), Windows Shell Scripting (16 years), C (14 years), sed (12 years), InstallShield Scripting (10 years), JAVA (7 years), awk (3 years), Pascal (3 years), ANT (2 years), Perl (2 years), FORTRAN (1 year).

Operating Systems: UNIX (18 years), Microsoft Windows [Vista (1 year), 2003 Server (2 years), XP (4 years), 2000 (7 years), NT (7 years)], IBM [AIX (16 years), OS/390 (4 years), z/OS (4 years), MVS (2 years), VM (2 years)], DOS (16 years), Sun [Solaris (8 years), SunOS (5 years)], Linux (6 years), Hewlett Packard [HP-UX (5 years), Tru64 (5 years)], Silicon Graphics IRIX (3 years).

Developer Applications: Concurrent Versions System (CVS) (9 years), Cygwin (7 years), InstallShield [Professional (7 years), Pocket Soft RTPatch (2 years), Package For The Web (2 years)], WinCVS (6 years), Microsoft Visual C++ Developer Studio (5 years), DJ Microsoft Visual SourceSafe (5 years), GNU Revision Control System (RCS) (5 years), Morton Kern Systems MKS Toolkit (5 years), Cavaj Java Decompiler (5 years), VIM (4 years), International West (4 years), UltraEdit-32 (2 years), Beyond Compare (2 years), NetBeans (2 years), Microsoft Internet Explorer Accessibility Kit (IEAK) (2 years).

Software Applications: FTP (18 years), Microsoft Office [Word (10 years), Excel (10 years), Outlook (7 years)], WinZip [WinZip (10 years), EXE Builder (5 years)], Easy CD Creator (3 years), X Windows (3 years), Motif (3 years), Release (3 years), Mozilla [Firefox (2 years), Thunderbird (2 years)], PKWARE PKZIP (2 years), NcFTP (2 years), Secure CRT (2 years), ISPF (2 years), ICAN (2 years), Sun JAVA CAPS (2 years), PuTTY (1 year).

Hardware: Intel-based Personal Computers (16 years), IBM [RS/6000 Power Station (11 years), OS/390 (2 years), OS/370 (2 years)], Sun Microsystems Solaris Workstations (8 years), Hewlett Packard HP-UX Workstations (5 years), Silicon Graphics Indigo (3 years).