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PROFESSIONAL SUMMARY Analytical, accomplished Technical Program/Project Manager and professional Software Engineer with 17+ years experience in software product management and the analysis, design, and deployment of software product release architecture, standards, and processes for Sun Microsystems.

- Respected leader with a demonstrated ability to analyze complex cross-organizational issues, develop solutions, inspire others, and integrate team efforts to achieve defined objectives utilizing the Six Sigma body of knowledge.
- Consistent record of success in process analysis and improvement of software build and qualification processes to reduce defects and rework costs, in addition to technical project management of large systems software product releases.
- Demonstrated ability to communicate complex technical information to diverse audiences from corporate executives to individual contributors using the appropriate style and content tailored to the audience.
- Energized by challenges and problem solving; readily adapting to new technologies, projects, teams, systems and tools.
- Recognized as corporate visionary and champion for numerous industry-leading practices, including Internet-ready technologies and processes, software packaging & distribution architecture, and software deployment methodologies.

KEY COMPETENCIES **Business/Technical Process Analysis & Design utilizing Six Sigma methodologies and techniques**

- ◆ Design for Six Sigma (**DFSS**) for designing and deploying new business processes or reengineering existing business processes that meet or exceed business and/or customer requirements
- ◆ Acceptance/Acceleration Process (**CAP**) for gaining consensus on problems, solutions, and getting people commitment
- ◆ Design/Measure/Analyze/Improve/Control (**DMAIC**) for analyzing and improving existing business processes
- ◆ Software Development Methodologies, Life Cycle Models, and Practices (e.g., Agile, Extreme, Capability Maturity Model (**CMM**), ISO 9001).
- ◆ Project and Program Management (**PMI**, **PRINCE2** methodologies); (PRINCE2 is the European equivalent to the PMI Body of Knowledge, extending into business program management practices)

TECHNICAL SKILLS **Platforms:** Sun Workstations, Solaris UNIX Networking and Administration, Windows XP/2000 Desktop and Administration
Languages: UML, JavaScript, XML, XSLT, Shell, Tcl/Tk, C
Project Management: Enact, AutoPlan, LiveLink
Business Software: StarOffice, Oracle SQL Plus

**PROFESSIONAL
EXPERIENCE****Sun Microsystems/SunSoft/Sun
Microsystems Federal
[Sun Microsystems, Inc.](#)****09/1988–
06/2004****01/2005-present**

Held a number of individual contributor positions starting as a software product build and release engineer advancing to a Senior Staff Engineer and Sun Sigma Black Belt reporting to a Vice President in the Software Division.

- ◆ As Senior Program Manager, established operational efficiency and effectiveness metrics program for Software Product Engineering group, resulting in a web-based group Metrics Portal providing efficiency, effectiveness, and product quality metrics; coordinated solution to Software organization sustaining source code and build environment disaster recovery utilizing web caching for geospatial source code and build environment replication.
- ◆ Was one of the first "Black Belts in Training" selected in the software division as part of Sun's adoption of Six Sigma (termed "Sun Sigma"), successfully applying Six Sigma DMAIC methodology to improve Solaris software build processes. Result: Identified opportunities to reduce software defects upstream and reduced rework costs by \$100,000/year.
- ◆ As Solaris Software Quality Officer, identified and tracked divisional quality goal metrics and presented a Quality Scorecard to divisional VP and staff on a monthly basis.
- ◆ As Senior Staff Software Engineer and architect, defined, documented, and promoted across all of Sun an internet ready software deployment and distribution (Web First/Web Ready Software) strategy. This included development of the strategy, supporting policies, architecture, tools, procedures, and templates. Presented strategy and gained buy-in from Software Division CXO and coordinated with directors, managers, and individual contributors in Sun IT, engineering, and operations on adoption of Web Ready Software technologies and standards.
- ◆ Championed, designed, and implemented numerous Sun internal standards and practices for software product deployment and distribution using XML based languages such as the Open Software Description (OSD), the Channel Definition Format (CDF), and the systems management Common Information Model(CIM). Result: Uniformity across all Sun for consistent methodology and practices for deploying software on the Internet with reduced engineering and operations costs due to standardization.
- ◆ As co-author of the Solaris Product Life Cycle Model, presented model to numerous Sun divisions to gain understanding and commitment to deploying the business model. Result: Consistent and predictable software life cycle for major product which was later adopted by other major Sun software product business lines.
- ◆ As a Software Staff Engineer, specified a new architecture for packaging, distribution, and installation of the 2.x releases of Solaris software and source product, as well as source build environment specifications. Architected and implemented a software installation mechanism that allowed Solaris software OEMs to install their unique add-on system software. Results: Expanded software installation capability for business partners with reduced engineering

impact and reduced engineering and production time to release for the Solaris source product by 60+ days.

- ◆ As Member of Technical Staff, engineered releases of Sun Federal Division's operating system and other special software products. Result: Streamlined Sun's SunOS Multi-Level Secure software build, qualification and release processes, which reduced defects, rework costs and the time between binary release and source product release; received multiple divisional recognition awards for these contributions.

PRIOR EXPERIENCE	Held MTS III and CAD software engineering positions with Gould Inc. and Sperry Information Systems and Unisys, supporting proprietary UNIX/C/Bourne shell applications and custom gate array layout software tools.	1980–1988
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PROFESSIONAL PUBLICATIONS	Sun Microsystems Proprietary Documents Sun Web Ready Software, 2002; Solaris Life Cycle Model, 1998; Solaris Removable Media Auto-startup, 1997; Solaris OEM System Installation Interfaces, 1997; Solaris 2.x-Compatible Software Packaging Requirements and Guidelines, 1997; Solaris Product Naming, 1996; Solaris 2.x-Compatible Software Product Distribution, 1996; SMI ISO 9660 Volume ID Guideline, 1993; Solaris Source Product Architecture, 1993; SunOS/SVR4 Software Release Packaging Requirements, 1990; Sun Microsystems Federal Software Release Engineering Process, 1990 Internal Unisys/Sperry Documents Statement of Requirements - Physical Design Rule Checks, 1984 CGAL Language Guide and CGAL User's Guide, 1982 19th Design Automation Conference Coauthor - CGAL - A Multi-Technology Gate Array Layout System, 1982
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PROFESSIONAL TRAINING	PProjects In Controlled Environments (PRINCE2) Foundation Certified, Candidate #P2/NLPB012930, February 2004. Six Sigma - Black Belt Certificate Course, Villanova University Certificate of Achievement, December 2004 Sun Sigma Black Belt, Sun University Training (Internal) Six Sigma Change Acceleration Process (CAP), DMAIC, DFSS, DOE, Facilitation Skills, etc., 2000-2001. Project Management Institute Certified Associate in Project Management (CAPM), certification application completed. IEEE Standards Seminar on Software Configuration Management, completed 1989.
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EDUCATION	University of California Santa Cruz (Extension), Software Engineering Certificate Program, 07/1997 University of Minnesota, Minneapolis, MN, B.A., Psychology, 06/1986 Brown Institute, Minneapolis, MN, Certificate in Computer Programming, 01/1980
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