

## CONFIDENTIAL CANDIDATE

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<http://www.webprofile.info/confidential6/>

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### ENGINEERING PROGRAM / PROJECT MANAGEMENT

*Drive dynamic growth for complex developmental and services programs.  
Consistently obtain profitable, multi-year, multimillion-dollar follow-on contracts.  
Skilled in delivering projects within tight budgets and ahead of schedule.*

Highly accomplished, profit-driven program/project manager with 20+ years' experience directing product development, services enhancement, system engineering and implementation, and daily operations for global corporations in the intensively demanding aerospace and computer industries. Perform planning, scheduling, tracking, and coordination of cross-business teams to achieve successful release of business-critical software for high-transaction volume, enterprise systems. Proven ability to complete projects ahead of schedule and under budget. Impressive career progression in requirements management, performance improvement, network operations, flight simulation, robotics, digital control systems, computer architecture, and product development from concept to launch. Outstanding record of increasing productivity, improving quality, reducing costs, enhancing customer satisfaction, and overcoming roadblocks.

#### CORE QUALIFICATIONS

- Cost/Schedule Management
  - Cost-Effective Estimates
  - Risk Management
  - Enterprise Database
  - Defect Removal Metrics
  - Product Launch / Rollout
  - Relationship & Team Building
  - Earned Value Tracking
  - Bottoms-Up Planning
  - Modeling & Simulation
  - Product Lifecycles
  - Cross-Functional Teams
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### PROFESSIONAL EXPERIENCE

(MAJOR COMPUTER COMPANY)

9/1999–Present

*Successful history of program management of development and release for a number of critical enterprise middleware and database applications, including an Electronic Data Warehouse massively parallel decision support–business intelligence database query appliance; object-oriented Java™ and CORBA® technology development applied to highly scalable, fault tolerant, NonStop™ servers; and platform enhancement program resulting in overall middleware performance improvements.*

#### Program Manager

Plan and drive on-time development and release of large Electronic Data Warehouse platform. Implement development and support of highly available, highly scalable computer systems for critical business transaction applications such as NonStop servers used in 90% of the world's stock exchanges. Coordinate with multi-disciplinary architectural teams, as well as junior program managers, providing training, mentorship, and guidance. Conduct sponsor coordination and alignment, critical path analysis, dependency management, and risk and issues management. Negotiate technology-licensing agreements for standards-based middleware applied to systems. Develop process improvements for earned value analysis, critical chain management, schedule predictability, and defect removal practices.

#### Key Achievements:

- On-time release of 128-processor massively parallel Electronic Data Warehouse platform.
- Program managed 20-member, 2.5-year project to develop and release Port Java "HotSpot" technology to NonStop (Tandem) OS MIPS processor representing 200% improvement in cost and schedule control.

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- Rescued troubled Denali 2 Program: 100-man, 1.5-year program to deliver massively parallel database application to achieve first-ever product delivery ahead of advertised release date.
- Reduced estimated costs from \$3.6M to \$2.4M for the merger of two programs where the operating system of HP's Hotspot technology would be ported to Sun's NonStop operating system on MIP-based product.

### **(SCIENCE & TECHNOLOGY DEFENSE CONTRACTOR)**

6/1983–9/1999

*Advanced into positions of increased responsibility for this defense contractor providing advanced science and technology services to US national security customers and US government agencies for a wide range of programs involving information technologies, advanced modeling and simulation, systems integration, and software development at worldwide installations.*

#### **Project / Program Manager (7/1995-9/1999)**

Reviewed projects for financial feasibility and developed procedures for establishing costs and improving predictability in project plans and profit. Successfully coordinated team of 65 diversified professionals to Software Engineering Institute's Software Capability Maturity Model Level 3 capability. Led nationwide, multi-corporate team to formulate creative alternatives and solutions for new \$500M, 15-year fixed-price contract to support Wide-Area Network for Air Force flight simulators. Coordinated multi-discipline team for development, implementation, and support of healthcare IT Infrastructure upgrade and rollout. Resolved troubled projects in sister organization.

#### **Key Accomplishments:**

- Managed programs that obtained \$1M follow-on award for A-10 support program, won \$800K/year task contract to develop and operate electronics test equipment, and won phase 1 of \$500M, 10-year contract for Distributed Mission Training.
- Improved contract performance and ultimately division profitability by 50% and improved definition and repeatability for key technical and programmatic processes.
- Mitigated risks by adopting quantitative risk management approach that established objective criteria for probability of occurrence and impact in three key areas of schedule, cost, and technical performance, receiving high marks for risk management from government evaluation team.
- Spearheaded effort that won contract for \$2.5M feasibility study with acceptance "as is" by 14-member team of government experts, including key members of the Software Engineering Institute.
- During stages of planned Base closing and loss of key personnel, provided logistical support for space-based communications resulting in \$3.8M, five-year follow-on contract.

#### **USAFE SETA Program Manager, European Division Manager – Ramstein, Germany (2/1992-7/1995)**

Program managed \$25M, five-year technical services contract for the US Air Force in Europe. Implemented effective and repeatable cost methodologies and substantially improved accuracy in business plans and margin analyses. Developed resource plans, schedules, budgets, and timelines. Demonstrated effective interaction with clients and staff at all levels. Coordinated successful simultaneous development of numerous projects involving technical support for intelligence networks, computer war-gaming systems, and battle-management systems. Dealt tactfully and effectively with difficult customers and coordinated activities with contractors and subcontractors. Consistently resolved problems and maintained friendly and effective business relationships and growth. Provided leadership and supervision of highly skilled professional staff to plan and manage computer-assisted exercise Wide-Area Networks for Warrior Preparation Center in Europe.

#### **Key Accomplishments:**

- Won USAFE SETA follow-on contract for \$25M of Task Order contracts for five years

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- Doubled profitability on all contract performance for multimillion-dollar, multi-year contracts.
- Managed technical team supporting more than 20 globally networked, computer-assisted, distributed war-gaming exercises involving multi-national armed forces.
- Created profitable bid estimates with terms and conditions for task orders, emphasis on historical basis of estimates, and workable deliverables with earned value tracking and analysis.
- Earned rapid promotions during three-year period from Systems Engineer, to Network Operations Manager, to WPC Site Supervisor, to USAFE SETA Overall Program Manager, to European Division Manager.

### **Systems Engineer (6/1983-2/1992)**

Provided systems integration and engineering technical services to various government agencies, primarily the Air Force Laboratories at Wright-Patterson Air Force Base. Coordinated the successful simultaneous development of several projects, ensuring that aims, goals, and objectives were accomplished with outlined priorities, time limitations, and funding conditions. Generated successful business plans, wrote performance reviews, and managed 20+ employees. Designed and implemented distributed computing architecture for commercial practice design of B-1B Aircraft Simulator. Designed and implemented flight station employing quaternion equations of motion and digital control system modeling techniques.

#### ***Key Accomplishments:***

- Designed and developed real-time man-in-the-loop flight simulator for sale to the US Air Force.
- Developed staffing plans, work schedules, budgets, and timelines for High Fidelity Defensive Crewstation Simulator and Graphics Processor Independent Research and Development.
- Designed and piloted Engineering Service Center in Dayton facility.

Prior positions as **Member of Technical Staff** at LOGICON, INC. and **Aerospace Engineer** at WRIGHT PATTERSON AIR FORCE BASE.

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## EDUCATIONAL BACKGROUND

WRIGHT STATE UNIVERSITY – Fairborn, OH

**Master of Science in Systems Engineering / Computer Engineering**

*Published Paper for National Electronics Conference*

UNIVERSITY OF CINCINNATI SCHOOL OF ENGINEERING – Cincinnati, OH

**Bachelor of Science in Aerospace Engineering • Graduated Cum Laude**

**Professional Engineer – Ohio State Board**

***Professional development training:*** Effective Project Management • Java Programming • Fixed Price Contract Management • Object-Oriented Programming • Program Management • Client Server Architecture Models • Boeing Aerospace Program Planning

***Member:*** Project Management Institute

***Computer Skills:*** Basic/Visual Basic, JAVA, C, Ada, Various Assembler and Machine Codes, Fortran, HTML, Object-Oriented Analysis, Requirements Analysis, Systems Analysis, Software Sizing and Estimation, Software Metrics, Software Architecture, SW/HW Integration