EDWARD FATULA, PMP

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Executive Summary

Detail-driven engineer with over 20 years of experience as a project, program, and technical lead. Engineering experience encompassing requirements management and decomposition, design, integration, test, and operations. Expertise in developing, defining, executing, and managing project schedules, goals, and metrics, as well as, identifying and mitigating risks. Proven ability to create and foster working relationships with internal and external stakeholders and customers. Highly successful leader of process improvement and organizational change.

Core Competencies:

- Project and Team Leadership
- Requirements Management
- Rapid Prototyping
- Process Improvement

- Systems and Software Integration
- Risk Management and Mitigation
- Test Plan Development and Execution
- Schedule Development and Management

Professional Experience

Program Lead – Senior Systems Engineer

JOVIAN CONCEPTS, INC. – Hanover, MD

CACI (FORMERLY L-3) – ANNAPOLIS JUNCTION, MD

[2013 to Present]

2017-Present

2013-2017

Key Results:

- Proven Project Lead providing technical and team leadership. Named by the prime contractor as organization lead and technical delivery order lead across companies, responsible for contract performance. Served as company Program Lead for a team that achieved 100% growth.
- Established a Requirements Management Plan, processes, and tools for an entire A+1 organization. Provided requirements decomposition support, driving processes and guidance for roadmaps and outcomes. Communicated and tested system requirements with agile development teams of complex integrated systems.
- Built document management and tracking tools using Confluence by writing custom macro code to enable workflows, templates, notifications, and dashboards. Solutions were engineered with minimal time and resources, enabling the organization to increase traceability and transparency.
- Provided systems engineering expertise including process improvement initiatives, gap analyses, briefings, and end-to-end capability workflows, driving plans and alternatives. Provided support for testing and validation (including User Acceptance Testing), data formats, compliance, and specifications.
- Served as admin and organization subject matter expert for multiple Jira and Confluence projects with the ability to customize screens, fields, filters, templates, workflows, dashboards, and manage groups and permissions across integrated environments.
- Quickly grasps complex concepts, communicating and coordinating those concepts and impacts across customers, IC elements, team members, and stakeholders.

LOCKHEED MARTIN CORPORATION – GAITHERSBURG, MD

Team/Project Lead – Software Engineer Staff

[1997 to 2013]

2006 to 2013

Key Results:

- Project lead for a team of 15 direct report engineers (and all key functional teams) for a major site/system migration effort UNIX and Windows based systems and associated data. Successfully led completion of critical program milestones, such as: IC&T (Integration, Configuration, and Testing), SAT (Site Acceptance Testing), IOC (Initial Operating Capability), and 13 incremental migrations.
- Developed and managed project schedules, defined team goals/metrics, identified and managed team risks, and developed/coordinated alternative solutions to mitigate changing needs/issues/risks.
- Served as technical volume lead for multiple proposal efforts, including $12M site/system migration.
- Initiated and engineered process improvement initiatives and tiger teams across organizations resulting in increased deliverable quality, reduction in required resources, and saving thousands of dollars per year.
- Engineered and scripted several scalable and user customizable O&S tools to verify configuration management of Windows workstations and servers. According to the Program Manager, "the very minimal cost of developing these tools has the potential to save hundreds of thousands of dollars across the user and O&S community".

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Project Lead – Commercial Applications Software Engineer, Sr.

2005 to 2006

Key Results:

- Project lead for a $500K research and development project, including development and approval for the Engineering Development Plan and execution of the technical content on time and under budget.
- Developed, integrated, maintained, upgraded, and presented advanced products, services, and integrated prototypes in high visibility demonstrations and briefings.
- Served as the product and integration expert in geospatial visualization, knowledge management, and video exploitation for a large-scale prototyping environment, supporting commercial and internal applications.

Team Lead – Commercial Applications Software Engineer, Sr.

2001 to 2005

Key Results:

- Packaged, integrated, maintained, and upgraded over 15 commercial geospatial software applications for a program that deployed over 4,000 workstations to over 50 operational sites.
- Led, trained, and mentored a team of 11 software engineers on the configuration, packaging, integration, testing, and support of deployed applications and hardware.
- Collaborated with software vendors to track, debug, and implement software upgrades and fixes.
- Developed requirements and established/executed test plans for commercial applications.
- Provided site support to a 24/7 large production environment located worldwide.

Systems Engineer

1997 to 2001

Key Results:

- Four years of progressively complex experience with assignments in systems integration and test of a $10M large complex system spanning all phases of the systems engineering lifecycle.
- Developed customer demonstrations, verified system requirements, wrote test tools and drivers, tested tape drives for use in real-time applications, and managed weekly status of integration and test problems.

Education

Bachelor of Science in Electrical Engineering (BSEE), 1999
Pennsylvania State University – State College, PA

Relevant Certifications and Training

- Certified as a Project Management Professional by the Project Management Institute / PMP Bootcamp
- Johns Hopkins Full Stack Web Development Boot Camp (6 months; Ends 11/2021)
- Systems Engineering 201 Principles and Practices
- Tools for Emerging Leaders
- Agile & Scrum Training
- Python 3 / Data Analysis with Pandas
- Control Account Management 101 / Earned Value Management

Key Awards

- Recipient of Lockheed Martin Presidential Award for leading major site/system migration
- Recipient of multiple individual achievement awards by the Jovian prime contract customer
- Recipient of L-3 RSU (Restricted Stock Unit) Award
- Recipient of 7 Lockheed Martin Special Recognition Awards (SRAs)