



## Zachary Tucker, Data Center Project Engineer

### Professional Profile

Results-driven project leader and U.S. Navy veteran with a proven track record managing complex technical operations, electrical systems, and cross-functional teams in high-stakes environments. Brings expertise in project planning, resource coordination, safety compliance, and cost control, with a strong foundation in process optimization, technical oversight, and stakeholder engagement. Skilled at translating operational objectives into actionable plans, ensuring on-time, on-budget delivery with a focus on safety, quality, and client satisfaction.

### PROJECTS

- LITHIUM BATTERY CONVERSION PROJECT – COMPLETED UNDER BUDGET AND AHEAD OF SCHEDULE, REDUCING OVERALL COSTS BY 24.7% WHILE MEETING STRICT CLIENT TECHNICAL REQUIREMENTS.
- ASSET MANAGEMENT SYSTEM IMPLEMENTATION – DESIGNED AND DEPLOYED A COMPREHENSIVE ASSET TRACKING SYSTEM, STREAMLINING WORKFLOW AND INCREASING OPERATIONAL EFFICIENCY FOR A 19-MEMBER TECHNICIAN TEAM.
- U.S. NAVY P-8A FLEET DEPLOYMENT SUPPORT – LED 15-MEMBER TEAM ACHIEVING A 95% ON-TIME COMPLETION RATE FOR MISSION-CRITICAL AIRCRAFT READINESS.

### EXPERIENCE

#### VIKING POWER - FARMERS BRANCH, TX

2022 – PRESENT

#### *Service Manager*

Oversaw all aspects of a high-volume technical service department, leading a 22-member team to deliver safe, high-quality, and cost-efficient project outcomes. Implemented operational systems and preventative maintenance programs aligned with industry best practices, while driving continuous improvement in workflow efficiency and client satisfaction

- Directed and developed a team of 19 technicians and 3 service coordinators, ensuring project execution met safety, quality, and client standards.
- Managed budgeting, forecasting, payroll, and resource allocation to support on-time project delivery and operational efficiency.
- Designed and implemented an asset management system to improve equipment tracking, reduce downtime, and align with OFCI-style inventory control practices.
- Reviewed service and inspection reports to create preventative maintenance plans, cost estimates, and scope recommendations that reduced unplanned outages.
- Authored and enforced standard operating procedures, aligning departmental workflows with best practices for consistent project delivery.
- Applied the PDCA continuous improvement model to identify root causes, implement corrective actions, and improve schedule adherence and quality outcomes.

#### *Project Manager*

Led complex technical projects from planning through closeout, managing schedules, equipment logistics, and stakeholder reporting to ensure on-time, on-budget delivery. Applied cost-control measures, process improvements, and lessons learned to enhance performance across multiple engagements.



- Designed and implemented a project dashboard to improve visibility for stakeholders, increasing inventory accuracy, reducing waste, and boosting on-time delivery rates.
- Coordinated delivery schedules and logistics for all project resources, ensuring OFCI-style equipment arrived at jobsites precisely when needed to support installation sequences.
- Executed a complex lithium battery conversion project under strict client requirements, completing ahead of schedule and under budget, reducing overall costs by 24.7%.
- Developed standardized reporting measures for cost tracking, project forecasting, and status updates, ensuring stakeholders had accurate and timely project information.
- Captured and documented lessons learned for each completed project, applying insights to improve schedule adherence, cost efficiency, and quality outcomes on future work.

### *Battery Technician*

Led complex technical projects from planning through closeout, managing schedules, equipment logistics, and stakeholder reporting to ensure on-time, on-budget delivery. Applied cost-control measures, process improvements, and lessons learned to enhance performance across multiple engagements.

- Diagnosed, repaired, and tested electrical systems for forklift batteries and chargers, resolving performance issues and restoring operational efficiency.
- Installed battery and charger systems in customer warehouse facilities across the DFW metroplex, coordinating site access, installation sequencing, and safety compliance.

### US NAVY - U.S. LOCATIONS

2012 – 2022

### *Aviation Electrician*

Led technical maintenance operations for advanced electrical and avionics systems in mission-critical environments. Managed teams, coordinated stakeholders, and ensured strict compliance with safety and operational standards to achieve exceptional readiness rates.

- Maintained and updated maintenance programs, technical publications, and standards in compliance with the Naval Aviation Maintenance Program.
- Performed scheduled and unscheduled maintenance, modifications, and inspections on avionics systems to ensure operational reliability.
- Led and supervised 15 plane captains during the Navy's first P-8A operational fleet squadron deployment, achieving a 95% on-time mission readiness rate.
- Developed and delivered battery maintenance safety training for 18 F/A-18 fighter squadrons, ensuring compliance and safe handling procedures.
- Coordinated with internal and external stakeholders to align maintenance activities with operational priorities and deadlines.
- Verified that all deliverables met stringent quality standards prior to client or mission handoff.
- Facilitated daily team briefings and maintained monthly and quarterly inventory reports to provide stakeholders with accurate, timely project data.

# PACHYDERM GLOBAL

## CRITICAL INFRASTRUCTURE SERVICES

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### CORE COMPONENTS

PROJECT PLANNING & SCHEDULING | CSA/MEP COORDINATION SUPPORT | SAFETY & COMPLIANCE OVERSIGHT | OFCI EQUIPMENT LOGISTICS | ELECTRICAL SYSTEMS MAINTENANCE | VENDOR & STAKEHOLDER COMMUNICATION | COST CONTROL & FORECASTING | PROCESS OPTIMIZATION (KAIZEN, PDCA) | CHANGE MANAGEMENT | TEAM LEADERSHIP & TRAINING

### SPECIALIZED TRAINING

CERTIFIED SCRUM MASTER (CSM) | LEAN SIX SIGMA GREEN BELT | KAIZEN | PDCA MODEL | SAFETY PROGRAM DEVELOPMENT

### LICENSES & CERTIFICATIONS

CERTIFIED SCRUM MASTER (CSM) | LEAN SIX SIGMA GREEN BELT

### SOFTWARE EXPERIENCE

MS PROJECT | MS OFFICE SUITE | ASSET MANAGEMENT PLATFORMS

## Education

### UNIVERSITY OF MARYLAND GLOBAL CAMPUS

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- Master of Science - Management: Project Management
- Bachelor of Science - Management Studies

### CONTACT

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