Johannes W. Oosten

Secret Level Security Clearance
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SUMMARY

Engineering professional with 6+ years in product lifecycle management across diverse products and systems. Established a successful engineering department through the implementation of cross-functional processes, ensuring high quality standards. Proven expertise in requirements management, team leadership, and development of systematic solutions that drive customer satisfaction.

WORK EXPERIENCE

Curtiss-Wright Fleet Solutions

Project Engineer ***September 2024 - Present***

- Define and manage product requirements based on customer specifications, regularly assess project progress, identify priorities, and facilitate cross-functional decision-making to ensure successful project execution
- Provide product lifecycle support across 100+ Navy Fleet product lines at various maturity stages, managing new development projects, legacy product modifications, and obsolescence resolution
- Developed a prototype Programmable Logic Computer (PLC) addition to a legacy unit, poised to support a new line of ships, with an initial release of 25 units, totaling $6.25 million.
- Provide technical leadership as facility's sole engineer, supporting $35M in annual sales across all operational areas
- Established cross-facility engineering team, leading weekly coordination meetings and implementing a task management system to track major deficiencies, ensuring clear communication, documentation and organized resolution across three facilities
- Eliminated outsourcing of vibration analysis, saving $80K-$100K yearly by becoming the sole company CAT II Vibration Analyst
- Captured $375K in annual cost savings through developed of a 3D-printed mold repair procedure for damaged pump casings
- Reduced lead time and costs by operationalizing in-house CNC capabilities for machined components

Naval Base Point Loma

Senior Mechanical Engineer - Waterfront Engineering Department ***February 2022 - August 2024***

- Technical lead of an 8 person engineering-team managing mechanical systems for 5 SSN 688 Submarines through recurring 6-10 week docking cycles that include 30 to 50 individual repairs of functional components, high/low pressure piping systems, pumps, valves, manifolds and hydraulic actuators, with projects ranging from $1 to 2 million dollars
- Conducted field inspections in conjunction with mechanics to obtain testing data and measurements for project planning
- Provided on-site technical guidance to over 40 multi-disciplinary mechanics during specialized and critical tasks, ensuring first-time accuracy and maintaining high-quality standards throughout the project

Portsmouth Naval Shipyard

Mechanical Engineer - Engineering and Planning Department ***July 2019 - January 2022***

- Selected to support a highly competitive cross country 7-month Submarine Depot Level Repair as a member of an 8-person engineering team, resulting in the project's completion ahead of schedule and under budget
- Analyzed and diagnosed high levels of contaminant localized within the ships hydraulics system
- Reduced the duration of a hydraulic system flush from 60 days to 7 days by designing and executing a unique local hydraulic flush
- Conducted a comprehensive analysis of the ship's contamination issue and subsequent corrective measures, presenting the detailed findings and successful resolution to senior management

EDUCATION

University of Maine — Orono, ME
Bachelor of Science in Mechanical Engineering (BSME) — Class of 2019

CERTIFICATIONS

NCEES FE, Engineering Intern/EI (2019)
Vibration Analyst CAT II, ISO 18436-2 (2025)
Internal Auditor, ISO 9001:2015 (2025)

TECHNICAL COMPETENCIES

Product Management: Oracle, JIRA, Salesforce, Product Requirements Documentation and Management (PRD)
Design & Engineering: SolidWorks, AutoCAD, Teamcenter, Design & Development