

Wesley Thompson

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Professional Summary

Lead Project Engineer with 3 years of experience in leading, managing, and executing complex projects. Extensive experience in project management, operations and maintenance, and design engineering in a shipyard environment. Seeking to leverage my expertise to provide innovative solutions and drive results.

WORK EXPERIENCE

NAVSEA (Norfolk Naval Shipyard) – Portsmouth, VA.

August 2022 - PRESENT

Lead Project Engineer (Nuclear)

- Led project teams to create and maintain a control system using LabVIEW software resulting in increased efficiency during maintenance and testing programs.
- Documented user requirements and performed configurations to adjust hardware and software to meet necessary functions and requirements, producing 100% accurate hardware installations.
- Charged with installing and configuring multiple shipboard servers, increasing system performance throughout the ship.
- Planned and led electrical machine improvements, resolved electrical problems, and executed electrical upgrade plans, which increased efficiency by 10% and budget utilization by 15%.

NAVSEA (Norfolk Naval Shipyard) – Portsmouth, VA

July 2020 - August 2022

Project Engineer (Nuclear)

- Successfully maintained a SQL database that improved my team's efficiency in resolving deficiencies by 25%.
- Redesigned nuclear-related technical procedures to be simpler, more precise and less error-prone, reducing associated errors by 75%.
- Troubleshoot thermal hydraulic and electrical systems to achieve 100% system test completion rate, saving \$1M/day in downtime costs.
- Utilized a highly methodical risk assessment process to ensure nuclear safety and reliability of mission-critical systems.

EDUCATION

Southern New Hampshire University - Manchester, NH
Master of Business Administration – Engineering Management

January 2022 - April 2023

Youngstown State University - Youngstown, OH
Bachelor of Science – Electrical and Computer Engineering

August 2016 - May 2020

PROFESSIONAL SKILLS

Industry Knowledge: Cloud Services, REST APIs, Agile Methodologies, Project Management, SaaS, IaC, PaaS, Data Analysis

Tools & Technologies: Python, HTML, CSS, JavaScript, Bash, Terraform, AWS Services, SQL, Linux

Interpersonal Skills: Adaptability, Public Speaking, Communication, Problem Solving, Leadership, Teamwork

CERTIFICATIONS

- Professional Scrum Master I (PSM I) – *Scrum.org* (February 2023)
- AWS Certified Cloud Practitioner - *Amazon* (November 2022)
- Security Clearance: **SECRET** – *Department of Defense* (August 2020)

Projects

Cloud Resume Challenge – [Blog Post](#)

March 2023

- Built a website from the ground up with a database, API Gateway, custom domain, HTTPS Security, Serverless Functions written in Python, all created through Infrastructure as Code utilizing Amazon's wide variety of Cloud services.