

PROFESSIONAL SUMMARY

Trained and qualified in Naval Nuclear Power. Skilled in the operation and maintenance of mechanical systems to include; high and low pressure air, steam driven turbines, electrical generators, diesel powered generators, water distillation systems, sea and fresh water, steam systems and piping/electrical system diagrams. Impeccable integrity, priding self on strength in attention to detail, maintenance and repair, and work ethic.

SKILLS & ABILITIES

- Power Plant Operations/Maintenance
- HVAC system design
- Quality assurance and troubleshooting
- Microsoft Office Proficiency
- Managing and maintaining multi-million dollar equipment
- Software Development (5+ unprofessional years experience) – JS/HTML/C#/Python/Java/.NET
- DevOps
- Software source control (github)
- Microsoft Azure
- Time critical decision making
- Mechanical systems
- Piping/Electrical Diagrams
- Leadership and training background
- Secret security clearance

PROFESSIONAL EXPERIENCE

Huntington Ingalls Industries.

Newport News, VA

May 2021-Present

Engineering Technician 3 Fleet Support

- Provides technical support to engineers on a variety of technical tasks.
- Gathers, maintains, formats, compiles, and manipulates technical data, such as laboratory or material test results and engineering design changes.
- Produces engineering documentation, reports, drawings (flow charts, block diagrams, and schematics).
- Performs detailed mathematical calculations using established formulas; preliminary analyses of data where guidelines are provided in such areas as trajectory adequacy, model dimensional consistency; and quantitative judgments concerning technical data.
- Uses personal computer in performance of analyses and development of documentation/reports. May conduct tests and record data to assist with engineering evaluation or analysis..
- Continuous communication between Navy/Trades/Testing departments for tracking.

Aerotek.

Newport News, VA

September 2020-March 2021

Cemat Mechanic

- Remove, replace, or install critical ship components
- Calibrate and test various ship components
- Received and managed various tasks, materials, inspections, and support
- Recognizing strong analytical and interpersonal skills to improve company throughput in mechanics
- Using mechanic knowledge to accomplish tasks to prepare naval warship for operation.

Qualified Nuclear Operator/Maintenance Technician

- Performed numerous critical corrective maintenance jobs preventing the risk of personnel safety and equipment damage.
- Supervision of machinery room during shutdown and active operations.
- Accomplished several preventative maintenance jobs saving the U.S. Navy millions of dollars in equipment.
- Operate and Maintain Machinery Room with various systems including steam powered turbines, lube oil systems, and distillation systems.
- Evaluated schematic diagrams, technical work documents, and specifications during maintenance and ship operations.
- Test or assisted in testing of machinery shipboard to prove satisfactory operation and acceptance.
- Troubleshoot and correct equipment failures and problems.
- Oversight of log-taking records and verified paperwork before handing in to supervisors
- Ability to handle classified and confidential information

Hobby**Remote****2018-Present****Software Development and Operations**

- Developed web based shipboard maintenance mapping and data storage system to assist in project control.
- Web/application game development with programming languages in Java, HTML5, PHP, JavaScript.
- Build and deploy website application using Azure and Git services.
- Developed a web-based cryptocurrency wallet developed in React, JavaScript, HTML, and MySQL.
- Self taught data algorithm fundamentals, networking, cryptography, and DevOps

CERTIFICATIONS AND TRAINING

- Bachelor of Science in Mechanical Engineering Technology – Attending ODU **2022**
- Minor in Engineering Management – Attending ODU **2022**
- MTA: Introduction to Programming Using HTML and CSS – Certified. **2022**
- MTA: Database Fundamentals – Certified. **2022**
- MTA: Introduction to Programming Using JavaScript – Certified. **2022**
- Repair Activity Witness - Certified **2021**
- Repair Activity Representative - Certified **2021**
- Naval Nuclear Power Training Command - Graduated **2015-2016**
- Naval Nuclear Power Training Unit - Graduated **2016-2017**
- Naval Mechanical “A” School - Graduated **2016**
- 3M Maintenance Technician - Certified **2017**
- Quality Assurance 301 - Certified **2017**
- Handling of Equipment to include steam systems, lube oil systems **2017-2018**
- Communications 101, Tidewater Community College **2018**