NATHANAEL PAUL CHILDS

Chesapeake, VA

(860) 912-6696

Nathanael.P.Childs@gmail.com

JOB HISTORY

Senior Field Engineer Advisor   **January 2022 – Present**

General Dynamics Information Technology, Chesapeake, VA

Engineering Technician providing technical support related to the design, development, production, or testing of shipboard systems.

Gas Turbine Systems Supervisor   **February 2020 – January 2022**

U.S. Navy – CG Fleet Introduction Team, Norfolk, VA

Gas Turbine System Technicians Electrical (GSE) operate, repair, and perform organizational and intermediate maintenance on electrical components of ship's propulsion Gas Turbine Engines (GTE), Ship's Service Gas Turbine Generators (SSGTG), electrical distribution equipment, assigned auxiliary equipment (including AC motors, motor operated valves, solenoid operated valves, logic controllers, and automatic bus transfer systems), machinery control systems, assigned electrical and electronic equipment up to the printed circuit boards, and alarm and warning circuitry.

Main Propulsion Division Supervisor   **September 2018 – February 2020**

U.S. Navy – USS Gridley (DDG-101), Everett, WA

Gas Turbine System Technicians Electrical (GSE) operate, repair, and perform organizational and intermediate maintenance on electrical components of ship's propulsion Gas Turbine Engines (GTE), Ship's Service Gas Turbine Generators (SSGTG), electrical distribution equipment, assigned auxiliary equipment (including AC motors, motor operated valves, solenoid operated valves, logic controllers, and automatic bus transfer systems), machinery control systems, assigned electrical and electronic equipment up to the printed circuit boards, and alarm and warning circuitry.

Main Propulsion Division Maintenance Operator   **December 2014 – September 2018**

U.S. Navy – USS Gridley (DDG-101), Everett, WA

Gas Turbine System Technicians Electrical (GSE) operate, repair, and perform organizational and intermediate maintenance on electrical components of ship's propulsion Gas Turbine Engines (GTE), Ship's Service Gas Turbine Generators (SSGTG), electrical distribution equipment, assigned auxiliary equipment (including AC motors, motor operated valves, solenoid operated valves, logic controllers, and automatic bus transfer systems), machinery control systems, assigned electrical and electronic equipment up to the printed circuit boards, and alarm and warning circuitry.

Nuclear Electronics Supervisor   **January 2011 – November 2013**
U.S. Navy – USS New Hampshire (SSN-778), Groton, CT

Submarine Reactor Controls Supervisors perform advanced reactor controls operations and apply advanced level maintenance practices to reactor monitoring and control equipment. They supervise operations, maintenance, and training for personnel assigned to the Reactor Controls Division, review correspondence, and perform audits of Reactor Controls Division programs. Submarine Reactor Controls Supervisors perform critical work functions required to move naval tactical forces, repair and maintain equipment, train forces and personnel, and perform consequence management. In addition, they work with little supervision and serve as mentors to operators.

Radiological Control Technician   **March 2008 – January 2011**
U.S. Navy – NRMD Kings Bay, Kings Bay, GA

Supervises organizational and depot level radiological maintenance on Naval Nuclear Propulsion Plants and in nuclear capable repair activities.

Nuclear Electronics Supervisor   **March 2004 – March 2008**
U.S. Navy – USS Wyoming (SSBN-742G), Kings Bay, GA

Submarine Reactor Controls Supervisors perform advanced reactor controls operations and apply advanced level maintenance practices to reactor monitoring and control equipment. They supervise operations, maintenance, and training for personnel assigned to the Reactor Controls Division, review correspondence, and perform audits of Reactor Controls Division programs. Submarine Reactor Controls Supervisors perform critical work functions required to move naval tactical forces, repair and maintain equipment, train forces and personnel, and perform consequence management. In addition, they work with little supervision and serve as mentors to operators.

Nuclear Electronics Maintenance   **December 2000 – March 2004**

U.S. Navy – USS Rhode Island (SSBN-740B), Kings Bay, GA

Electronics Technicians, Nuclear Power (ETN) operate and maintain Naval Nuclear propulsion plants and associated equipment: supervise and administer Naval Nuclear propulsion plant operations; thoroughly understand reactor, electrical, and mechanical theory involved in the operation of the nuclear reactor, steam plant, propulsion plant, and auxiliary equipment; possess a detailed knowledge of reactor and steam plant chemistry and radiological controls; operate and perform organizational and intermediate maintenance on electronic equipment used for reactor control, instrumentation, measurement, alarm warning, power distribution, protection and airborne particulate radiation detection; operate General Purpose Test Equipment (GPTE) and auxiliary equipment; test, calibrate, maintain, and repair electronic and hydraulic-electric systems that support reactor plant operation on both surface and sub-surface ships.

EDUCATION AND TRAINING

Master's in Data Science and Analytics, Old Dominion University (2024 Estimate)
Master's of Science in Information Technology, Thomas Edison State University
Bachelor's of Science in Applied Science and Technology, Thomas Edison State University
Gas Turbine Systems Electrical Systems Training, United States Navy
Information Systems Administrator Training, United States Navy
Computer Operator, DOL USMAP
Hydroelectric Machinery Mechanic, DOL USMAP
Power Plant Operator, DOL USMAP
Maintenance Electrician, DOL USMAP
Basic and Advanced Electrical and Electronic Training, United States Navy
Nuclear Reactor Operations and Maintenance Training, United State Navy

AWARDS

Records Management | Navy and Marine Corps Achievement Medal | 2011
Complex Evolution Oversight | Navy and Marine Corps Achievement Medal | 2010
Database Design | Navy and Marine Corps Achievement Medal | 2007
Managerial Excellence | Navy and Marine Corps Achievement Medal | 2004 and 2013

CERTIFICATIONS

CompTIA Security+, CompTIA Linux+

TECHNICAL COMPETENCIES

Software: Microsoft Office Suite 365, SQL, Adobe Acrobat, Sharepoint
Operating Systems: Microsoft Windows, MacOS, Linux
Programming Languages: Python, Visual Basic, C++, C#, Java, Javascript, VB Script, VBA