

About Me

Versatile former Navy Aircraft Mechanic with a proven track record of excellence over a 5-year career. I recently graduated with a BS in Software Engineering, and I bring a solid foundation in software development and a wealth of skills honed in precision-driven environments. As a disciplined professional, I am eager to leverage my technical aptitude and exceptional problem-solving abilities in a dynamic software engineer role. Fueled by a genuine passion for software development, I am committed to contributing significantly to innovative projects and advancing technological frontiers.

EDUCATION

Bachelor's degree | 3.76 GPA

Computer Science – Software Engineer (Summa Cum Laude)

Southern New Hampshire University

Airframe & Powerplant Graduate Certificate

Aviation Maintenance Technology

Mt. San Antonio College

SKILLS & AWARDS

- Programming Languages: Java, Python, C++, and JavaScript.
- Web Development/Full Stacks: HTML, CSS, JavaScript, Node.js, Express, MongoDB, and Angular.
- Frameworks and Libraries: React, Angular, AWS Lambda, and Docker.
- Database Management: MongoDB and DynamoDB.
- Aircraft systems: Hydraulics, Pneumatics, Power Plants, and Electrical Components.
- Graduation Honors: Summa Cum Laude

EXPERIENCE

Four Star Accessory Overhaul | Tumwater, WA

Lead Technician

December 2022 - Present

- Consistently achieved data-driven results through meticulous setup, adjustment, repair, overhaul, and preventive maintenance of aircraft system components, ensuring airworthiness and optimal quality.
- Successfully resolved mechanical issues by employing troubleshooting techniques, performing precise mechanical repairs, conducting regular maintenance, and enhancing aircraft component functionality.
- Ensured strict adherence to quality standards by utilizing precision measuring tools to record dimensions, meticulously comparing them against specifications and data benchmarks.
- Effectively utilized advanced aircraft blueprint knowledge to interpret complex technical information, ensuring precise execution of maintenance tasks for optimal aircraft performance.

- Achieved exceptional results by interpreting complex aircraft blueprints, ensuring accurate reading and comprehension of work instructions, resulting in the delivery of high-quality workmanship
- Demonstrated vital planning and organizational skills by efficiently gathering necessary tools, materials, PPE, and equipment for precision work, ensuring timely completion of daily assignments.
- Played a crucial role in ensuring the integrity of Boeing aircraft by executing precise cleaning, sealing, closing, and testing of integral fuel tanks, contributing to the overall safety and performance of the aircraft.
- Enhanced the durability of Boeing aircraft by meticulously cleaning and sealing exterior wing surfaces and fuselage within the final assembly environment, resulting in visually appealing and structurally sound aircraft.
- Successfully performed tasks in confined spaces, such as wing compartments and fuel cells, ensuring efficiency, safety, and strict adherence to quality standards and company protocols.

Best Buy Co. Inc | Chino, CA
Laptop Technician

March 2007 – May 2011

- Accurately evaluated, detected, troubleshoot, and repaired various computer platform issues, ensuring efficient resolution and optimal customer performance, resulting in a 20% reduction in repeat service requests.
- Effectively communicated and collaborated with team members to explain technical concepts to non-technical clients, fostering understanding and ensuring a positive customer experience.
- Performed performance testing according to manufacturer requirements, generated detailed test reports, removed viruses, and troubleshooted intrusive third-party software to optimize system performance.
- Effectively coached and communicated with a diverse team of agents, contributing to achieving company strategy and local business plans.
revenue and enhance business outcomes.

United States Navy | Andrews AFB, MD
Manager

March 2003 – March 2007

- Served as an Aviation Structures & Hydraulic Technician, performing routine, non-routine, and preventative maintenance on aircraft structures, hydraulic systems, and subsystems.
- Interpreted hydraulic and electrical blueprints, facilitating airframe fabrication and repair of flight controls, landing gear, and power plants.
- Managed a support shop of 16 personnel, providing comprehensive training and qualification in support equipment and plane handling skills.
- Coordinated with Maintenance Control to meet incoming aircraft needs, reviewed discrepancy logbooks, and planned corrective action for efficient solutions.
- Maintained, filed, updated, and scheduled training courses for Ground Support Equipment, optimizing the availability of qualified personnel for mission readiness.