

# Zelpha Bizeau

Wind Technician

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## EDUCATION

### Associate of Applied Science in Wind Energy Technology at Aiken Technical College, Aiken, SC

Sep 2018 - May 2022

Relevant Coursework: Wind Turbine Systems, Electrical Theory, Hydraulics and Pneumatics, Programmable Logic Controllers, Wind Energy Safety, Power Generation and Delivery, and Wind Turbine Troubleshooting.

## LINKS

[linkedin.com/in/zelphabizeau](https://www.linkedin.com/in/zelphabizeau)

## SKILLS

Turbine Maintenance

Blade Inspection

Electrical Troubleshooting

Hydraulics Repair

Fall Protection

Vibration Analysis

SCADA Systems

## LANGUAGES

English

German

## HOBBIES

Drone flying and photography

Electronics and circuitry tinkering

## PROFILE

Dedicated Wind Technician with 1 year of experience in the renewable energy industry, skilled in performing maintenance, repair, and inspection of wind turbines. Demonstrates a strong commitment to safety and a deep understanding of electrical and mechanical systems. Known for effective troubleshooting and problem-solving abilities, as well as excellent communication and teamwork skills. Eager to contribute to the growth and efficiency of a sustainable energy organization.

## EMPLOYMENT HISTORY

### ● Wind Turbine Technician at GE Renewable Energy, SC

Feb 2023 - Present

- Successfully installed and commissioned 15 wind turbines at the XYZ Wind Farm, increasing the site's overall power generation capacity by 30 MW and contributing to GE Renewable Energy's annual revenue growth of 5% in South Carolina.
- Efficiently led a team of 10 technicians in conducting routine maintenance and repairs on over 50 wind turbines within a year, reducing downtime by 20% and increasing overall turbine efficiency by 8%.
- Played a key role in implementing a new remote monitoring system for the entire fleet of wind turbines, resulting in a 15% reduction in on-site visits and an estimated annual cost savings of \$200,000 for GE Renewable Energy's South Carolina operations.

### ● Wind Technician Apprentice at Duke Energy, SC

Aug 2022 - Dec 2022

- Successfully completed 120 hours of hands-on training in wind turbine maintenance, contributing to a 10% increase in overall team efficiency at Duke Energy's South Carolina facility.
- Identified and resolved a critical software issue in the wind turbine control system, resulting in a 15% improvement in power generation and saving the company \$50,000 in potential repair costs.
- Assisted in the installation of five new wind turbines within a three-month period, increasing the facility's total energy output by 25% and reducing greenhouse gas emissions by an estimated 2,000 metric tons per year.

## CERTIFICATES

### Certified Wind Turbine Technician (CWT)

Jun 2021

### BZEE Global Training Certificate for Wind Energy Technicians

Mar 2020

## MEMBERSHIPS

### American Wind Energy Association (AWEA)