

# TYLER CAIN

## CONTACT

 Sioux Falls, SD 57103

 6056331169

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## SKILLS

- Software Engineering
- C++
- JavaScript
- React
- Next.js
- Embedded Systems
- Data Structures & Algorithms
- NDT Standards
- Workflow optimization
- Continuous learning initiatives

## CERTIFICATIONS

Non-Destructive Level 1 & 2 in UT/MT  
AWS FCAW 1G Flat, 2G Horizontal 3G  
Vertical  
AWS SAW 1G Flat Multiple Wire

After multiple years of welding and later transitioning into NDT, I've built a solid understanding of creating mechanical systems end to end.

Now I'm looking for a change of pace, somewhere I can apply my technical background, attention to detail, and teamwork skills to a completely new industry.

## WORK HISTORY

October 2024 - Current

**Non-Destructive Testing Technician** *Marmen Energy*, Brandon, SD

- Conducted ultrasonic, magnetic particle, and dye penetrant testing to assess material integrity.
- Interpreted test results and generated detailed reports for quality assurance review.
- Collaborated with engineering teams to identify and resolve defects in materials and components.
- Maintained equipment calibration and performed routine maintenance to ensure operational efficiency.
- Adhered to safety protocols while performing inspections in compliance with industry standards.
- Participated in continuous learning initiatives to stay updated on advancements in non-destructive testing technologies.

September 2024 - November 2024

**Fabrication Welder** *Marmen Energy*, Brandon, SD

- Operated welding equipment to fabricate components per specifications.
- Interpreted blueprints and technical drawings for accurate assembly.
- Ensured compliance with safety protocols and maintained a clean work environment.
- Collaborated with team members to optimize workflow and improve efficiency.
- Maintained high-quality workmanship through consistent attention to detail and adherence to specifications.

## EDUCATION

May 2020

**Associate of Science Welding**

**Southeast Technical Institute**, Sioux Falls, SD