



MATTHEW SMITH

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PROFESSIONAL SUMMARY

Highly motivated and detail-focused welder and fabricator with a strong background in residential, structural, and architectural metal fabrication projects. Skilled in reading blueprints, cut lists, and technical drawings to ensure accurate fabrication and installation. Advanced in MIG and Flux Core(Dual Shield) welding on carbon steel, with hands-on proficiency in STICK and TIG, and a continued focus on enhancing both. Experienced with tools such as band saws, plasma cutters, oxy-fuel torches, lathes, drill presses, and iron worker machines. Known for strong leadership, quality control expertise, and a passion for craftsmanship, safety, and continuous learning in fast-paced environments. Demonstrates quick decision-making abilities to meet tight production deadlines while maintaining strict adherence to industry codes, job specifications, and OSHA safety standards.

SKILLS

- Productivity improvement
- Time management
- Creative
- Attention to detail
- Communication and people skills
- Adaptability to business needs
- Blueprint and technical drawing interpretation
- Strong work ethic
- Team collaboration
- Self-motivated
- Mechanical aptitude
- Precision measuring and layout
- Safety awareness (OSHA compliance)
- Multi-process welding (MIG, TIG, Stick, Flux Core)
- Problem-solving under pressure
- Project coordination
- Quality assurance and control
- Equipment maintenance and troubleshooting
- Forklift and material handling
- Welding in various positions (1G–4G, 1F–4F)
- Coping and fitting pipe
- Metal cutting and preparation
- Working efficiently in fast-paced environments
- Leadership and task delegation
- Inspection readiness and documentation
- Fabrication tool operation (ironworker, lathe, band saw, plasma cutter)
- Adapting to new technologies and techniques
- Clean and organized work habits
- Physical stamina and endurance
- Commitment to craftsmanship and detail
- Dependability and punctuality
- Willingness to learn and grow professionally

EXPERIENCE

May 2025 - Current BCS Fabrication (Beatty Construction Services)

Welder/Fabricator

- Certified in 3G & 4G COR-TEN, Flux Core (Dual Shield)
- Trained in Bridge welding techniques
- Supervised and trained team members in the rail fabrication department to ensure smooth workflow, adherence to specifications, and timely completion of tasks.
- Conducted thorough Quality Control inspections on finished product (Miscellaneous metals projects, Rails, and Landings), ensuring weld integrity and adherence to specifications. Collaborated with team members to identify and correct any defects or overlooked issues before final delivery.
- Designed and fabricated custom welding jigs and fixtures to support unique and situational fabrication requirements, enhancing precision, repeatability, and overall workflow efficiency
- Caught missing details and engineer errors in blueprints before fabrication began.

February 2023 - May 2025, Method Building Systems, LLC.

Welder/Fabricator

- Played a key leadership role by overseeing the rail fabrication department, directing all related processes including material prep, assembly, welding, finishing, labeling, and storage.
- Managed yard storage operations, including the organized stacking and categorization of landings, rails, and stairs.
- Determined optimal storage zones for each project based on job specifications, timelines, and accessibility
- Ensured efficient space utilization and accurate inventory tracking across all finished product
- Operated forklifts to efficiently load fabricated orders—including railings, stairs, and landings—onto semi-trucks, ensuring safe transport and adherence to delivery schedules.
- Operated a lathe to cope pipe ends for precise rail fittings, ensuring clean joints and seamless alignment in handrail fabrication.
- Operated ironworker and drill press machinery to accurately bend, punch, and drill steel components according to project specifications.
- Fabricated and welded landings to full completion using Dual Shield (3F position), following technical drawings and specifications to ensure accuracy and structural integrity.
- Assisted in the fabrication and Dual Shield welding of stairs (2F & 4F positions), ensuring

all work met drawing specifications

- Assisted with the delivery and on-site installation of handrails and guardrails across multiple construction projects, utilizing Stick and TIG welding techniques to ensure precise fit-up and structural alignment.
- Operated a 7-inch angle grinder to perform core drilling for rail installations.
- Anchored rails securely into concrete using cement and/or anchoring bolts and hammer drill.
- Fabricated and TIG welded stainless steel handrails and guardrails according to drawing details.
- Consistently met production deadlines by maintaining a fast-paced workflow and strong time management in a high-demand fabrication environment.
- Performed stud welding on embed plates, ensuring strong, secure attachment for structural reinforcement in accordance with project specifications and safety standards.
- Spotted and addressed blueprint discrepancies and engineer errors before fabrication began—helping the team avoid costly mistakes and hours of wasted labor by ensuring everything was built right the first time.

Feb 2021 - February 2023 Gjertson's Metal Works

Welder/Fabricator

- Read and followed cut lists and blueprints to perform precise metal cuts using a band saw.
- Executed material layout and cuts to a 1/16-inch tolerance to meet drawing specifications.
- Interpreted technical blueprints to assemble, fit, weld, and grind carbon steel guardrails and grab rails to meet exact design specifications.
- Utilized Flux Core Dual Shield and MIG welding methods to complete fabrication tasks with precision and adherence to weld quality standards.
- Effectively maintained a clean working environment during shift.
- Prepared final products for delivery by accurately labeling, painting, and banding completed rails, stairs, and
- Marked and documented all finalized welded products on the Master Sheet to maintain inventory accuracy.
- Operated forklift to safely transport, organize, and store all finished, painted, and labeled products in the yard.
- Performed Drill Press and Ironworker operations.
- Utilized acetylene torches and plasma cutters to execute both rough and precision cuts on raw steel materials

REFERENCES

Steve Gjertson (Gjertson Metal Works) (720) 323-4083

Aaron Rutledge (Method Building Systems) (303) 434-7255

Brandon Hull (Method Building Systems) (704) 906-9402

Tyler Gunter (BCS Fabrication) (409) 749-4182

EDUCATION

Welding Technology

June 2019 - Jan 2020 Lincoln College of Technology, Denver, CO

Completed comprehensive hands-on training in welding, fabrication, and plant maintenance with a strong emphasis on safety, precision, and industry standards. Graduated Lincoln College of Technology's welding program with a Magna Cum Laude honorary award.

- Successfully passed bend tests for SMAW, GMAW, FCAW, and GTAW processes in 1F, 2F, 3F, 4F and 1G, 2G, 3G, 4G positions on carbon steel, with additional practice and tests on aluminum and stainless steel.
- Gained proficiency in precision cutting techniques using oxy-fuel torches, plasma-torches, band saws, and miter saws.
- Learned to read and interpret welding symbols, blueprints, and cut lists to fabricate and assemble components accurately.
- Completed OSHA 10-Hour Safety Training focused on jobsite awareness, hazard identification, and proper PPE usage.
- Trained extensively in welding booth environments simulating real-world industrial conditions.

High School Diploma

May 2013 Opportunities for Learning Charter School