

Zella Abele

RF Test Engineer

Results-driven RF Test Engineer with 2 years of experience in designing, implementing, and troubleshooting RF systems. Demonstrated expertise in test equipment, optimization techniques, and signal analysis. Adept at collaborating with cross-functional teams and working in fast-paced environments to ensure the highest quality deliverables. Strong analytical, problem-solving, and communication skills. Committed to continuous learning and staying current with industry advancements. Seeking opportunities to leverage technical knowledge and contribute to successful RF projects.

zella.abele@gmail.com

(895) 860-5614

1234 Prairie Lane, Bismarck, ND 58501

Education

**Bachelor of Science
in Electrical Engineering
at North Dakota State
University, Fargo, ND**

Sep 2017 - May 2021

Relevant Coursework: Circuit Analysis, Digital Systems Design, Control Systems, Microprocessors, Electronics, Signals and Systems, Communication Systems, Electromagnetic Fields, Power Systems, and VLSI Design.

Links

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

Skills

Circuit Simulation

Network Analysis

Spectrum Analysis

Antenna Design

Signal Processing

Microwave Engineering

Electromagnetic Compatibility

Employment History

RF Test Engineer at SkySkopes, ND

May 2023 - Present

- Successfully designed and implemented a new testing methodology for RF systems, resulting in a 25% reduction in testing time and a 15% increase in overall system performance.
- Developed and executed test plans for three major drone communication projects, leading to an improvement in signal range by 30% and a decrease in latency by 20%.
- Identified and resolved over 50 critical RF-related issues in drone systems, enhancing the reliability of SkySkopes' fleet and contributing to a 10% increase in mission success rates.

Associate RF Test Engineer at Applied Engineering, ND

Sep 2021 - Apr 2023

- Successfully designed and implemented a new RF testing process that increased efficiency by 15% and reduced testing time by 10 hours per week, leading to a significant improvement in overall productivity at Applied Engineering, ND.
- Spearheaded the development of an automated RF test system that reduced manual intervention by 50%, resulting in a 20% increase in test accuracy and enabling the team to handle larger projects with ease.
- Conducted extensive research and analysis on RF components, leading to the identification and resolution of a critical signal interference issue that improved system performance by 25% and contributed to a major client satisfaction rating increase.

Certificates

Certified Radio Frequency Engineer (CRFE)

Nov 2021

INARTE Telecommunications Certification

Feb 2020

Memberships

Institute of Electrical and Electronics Engineers (IEEE)