

Career Opportunity

Radio Systems Designer



About SignalCraft

Our mission is to build innovative products and provide expert engineering services in RF/mmWave and high-speed digital design. We empower customers across Test and Measurement, Aerospace and Defense, and Industrial Automation sectors to seize market opportunities with the help of our advanced solutions.

We believe our people are our greatest asset. We take pride in cultivating a positive, rewarding, and supportive workplace where precision, adaptability, and innovation are at the heart of everything we do. Here, your skills and dedication are highly valued, and you have freedom to take the initiative and contribute creatively. Our environment fosters continuous learning and growth.

About the Role

We are seeking an experienced Radio Systems Designer (Intermediate or Senior) with strong RF and Software Defined Radio expertise. You will help shape system architecture, lead complex design work, and own key stages of the product lifecycle—from concept and modeling to prototyping, integration, and validation. You'll tackle challenging RF, digital, and signal processing problems across diverse applications, driving innovation and contributing to next-generation wireless systems.

Majors Areas of Responsibility

- Drive product development from concept and architecture through production.
- Define system requirements and translate them into robust RF/SDR designs.
- Perform circuit- and system-level modeling and simulation from 1–50 GHz.
- Create schematics and implement RF PCB layout.
- Prototype and validate designs through hands-on bench testing.
- Develop and maintain automated test setups and scripts.
- Collaborate across teams and document designs and test results clearly.

Qualifications Required

- 5+ years of RF or radio systems design experience.
- Strong experience with high-frequency circuit simulation, design, and test.
- Proficiency with Keysight PathWave or similar RF/microwave simulation tools.
- Skilled in schematic capture and RF PCB layout using Altium or equivalent.
- Solid understanding of RF measurement techniques, instrumentation, and lab practices.
- Ability to troubleshoot complex RF and mixed-signal designs at circuit and system levels.

Qualifications Preferred

- Experience with tools such as Altium, SPICE, LabVIEW, Python, and other design or automation environments.
- Self-motivated, creative, and proactive in problem-solving.
- Detail-oriented, organized, and disciplined in engineering workflows (BSc preferred but not required)
- Strong written and verbal communication skills.
- Ability to quickly learn and apply skills to new wireless technologies.
- Effective team collaborator with a positive, solution-focused approach.

Why Work for SignalCraft?

- Positive, encouraging team environment; supportive leaders; interesting and varied work with cutting-edge technologies
- Competitive salary and vacation, flexible work hours
- Full health benefits, including dental coverage
- Access to onsite gym, free parking, indoor locked bike cage

Ready to make an impact? Apply directly on [LinkedIn](#).