



Micro Soldering Technician • Morehead, KY (On-Site)

Rajant Health Incorporated (RHI) is building a healthcare assurance ecosystem to enable proactive and personalized health. We provide personalized health insights that improve diagnostics, therapeutics, communication, and the overall patient experience.

Our monitoring solutions, data integration, and advanced analytics transform raw data into actionable insights for clinical, biomedical, and research applications. Our portfolio includes **Cowbell®**, **Q-Stat®**, and **Trovomics®**—innovative technologies supporting large animal monitoring, remote health management, biomarker identification, and next-generation health discovery.

Based in Malvern, Pennsylvania, RHI develops intelligent healthcare technologies that make complex health data understandable and actionable for researchers, healthcare providers, and individuals. Backed by our parent company, **Rajant Corporation**, with more than 25 years of innovation in intelligent edge networking and mission-critical connectivity, RHI is advancing the future of connected healthcare through AI, edge computing, and real-time health intelligence. For more information, visit RajantHealth.com or follow Rajant Health on LinkedIn and YouTube.

JOB SUMMARY: The Micro Soldering Technician performs precision hand-soldering and microscopic reworks on surface-mount technology (SMT) and through-hole components. Working primarily under high-magnification stereomicroscopes, the technician fixes broken traces, swaps complex microchips, and rectifies manufacturing defects on delicate circuitry.

KEY RESPONSIBILITIES:

- **Precision Soldering:** Perform intricate hand-soldering of microscopic components
- **PCB Rework & Repair:** Diagnose, desolder, and replace damaged or defective parts without damaging surrounding traces.
- **Microscopic Inspection:** Utilize high-powered digital and stereomicroscopes to inspect solder joints for quality and compliance.
- **Component Testing:** Use multimeters, oscilloscopes, and automated test equipment to troubleshoot inoperative assemblies.
- **Quality Standard Adherence:** Review work against strict industry quality guidelines, most notably [IPC-A-610 or J-STD-001 certification standards](#).
- **Documentation:** Maintain detailed logs of components repaired, materials used, and testing outcomes.

REQUIRED SKILLS AND TOOLS:

- **Manual Dexterity:** Exceptional hand-eye coordination and a steady hand are essential for manipulating microscopic parts.
- **Equipment Proficiency:** Mastery of fine-tipped micro-soldering irons, hot air rework stations, preheaters, and ultrasonic cleaners.
- **Chemical Knowledge:** Correct utilization of specialized materials like liquid/gel flux, low-melt solder, solder wicks, and isopropyl alcohol.
- **ESD Safety:** Strict adherence to Electrostatic Discharge (ESD) protocols to avoid destroying sensitive microelectronics.

QUALIFICATIONS & REQUIREMENTS:

- **Education:** High school diploma or equivalent; technical degree or vocational certification in electronics is preferred.
- **Experience:** Generally requires 1 to 4+ years of hands-on experience in fine-pitch electronic assembly or hardware repair.
- **Certifications:** Industry-standard certifications such as **IPC-A-610**, **IPC-7711/7721**, or **J-STD-001** are heavily preferred by employers.

WHY JOIN RAJANT HEALTH:

- Help build innovative healthcare technologies that improve diagnostics, therapeutics, and patient outcomes.
- Work with a collaborative team of engineers, scientists, and healthcare innovators solving complex technical challenges.
- Contribute to AI, edge computing, cloud, and connected health solutions that make a real-world impact.
- Grow your career in a fast-moving organization backed by Rajant Corporation's engineering expertise.
- Make a meaningful contribution to the future of personalized and connected healthcare.

READY TO BUILD WHAT'S NEXT? If you're ready to help build healthcare technologies that improve lives and solve complex engineering challenges, we'd love to hear from you. **Apply Today.**

Employment Type: Full-Time w/benefits. **Location:** Morehead KY. On-Site. **Apply:** Please send cover letter and resume to jointheteam@rajant.com.

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