



OH & KY Talent Market Insights Report

AFA-USA Technical Service Engineer I-Level role

Requisition Summary Overview

A concise snapshot of essential data, empowering quick insights and informed decision-making.

Dashboard Overview

A concise compilation of visual representations, offering supplementary insights and enhancing data comprehension.

Data Analysis Summary Overview

Appendix B serves as a concise summary of the answers we have given on the dashboard, allowing for efficient retrieval and analysis of the data.

Requisition Summary:

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The position of Technical Service Engineer I entails a multifaceted role focused on the installation, troubleshooting, and maintenance of our product and equipment portfolio. Under the guidance of general direction, the role encompasses performing essential electrical, electronic, and mechanical repairs. Furthermore, it involves the systematic identification, analysis, and rectification of product failures, including the efficient procurement and replacement of necessary parts.

This role carries the additional responsibility of evaluating customer requirements and providing recommendations on product selection, systems, or services that align with their specific needs. A comprehensive understanding of various material handling systems is vital, spanning power and free conveyors, skid conveyors, FDS friction conveyors, fork transfers, part carriers, and other automation equipment.

The ideal candidate for this role will exhibit familiarity with a wide array of field-related concepts, practices, and procedures. Leveraging extensive experience and sound judgement, they will excel in strategizing and executing tasks, often taking on leadership and guidance responsibilities within the team. This role thrives on creativity and demands broad latitude for autonomous decision-making and innovative problem-solving.

(End of Position Overview)



| Key Role Attributes::

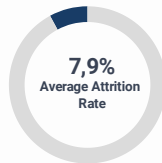
Expert PLC Programming: This role demands strong PLC programming skills, particularly in a hands-on field construction environment. Proficiency in programming and troubleshooting programmable logic controllers is essential to ensuring the seamless operation of automation systems.

Project Management Proficiency: Technical Service Engineers should excel at project management, including the ability to select and oversee subcontractors, manage project schedules, and effectively control budgets. This attribute is crucial for delivering projects on time and within financial constraints.

Customer-Centric Approach: A critical aspect of this role is the ability to engage with customers effectively. Technical service engineers should be skilled in identifying customer needs and recognising potential sales opportunities. Building rapport and understanding customer requirements are keys to success.

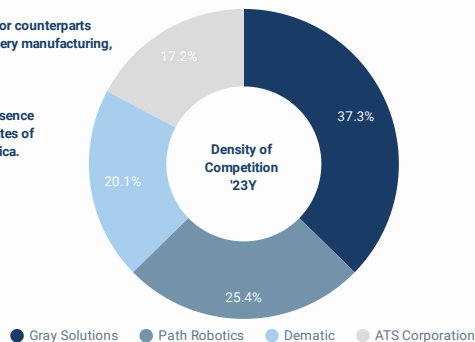
Advanced Debugging Skills: The role requires strong debugging skills during the commissioning of new equipment or modifications to existing machinery. The ability to diagnose and resolve technical issues efficiently is vital for ensuring equipment functions optimally.

These four attributes encompass technical proficiency, project management acumen, customer relationship management skills, and problem-solving capabilities, which are crucial for success in the automation machinery engineering industry at the Technical Service Engineer I level.



| Explore the presence of four major counterparts in the field of automation machinery manufacturing,

with each having a significant presence in the talent market across the states of Ohio and Kentucky in North America.

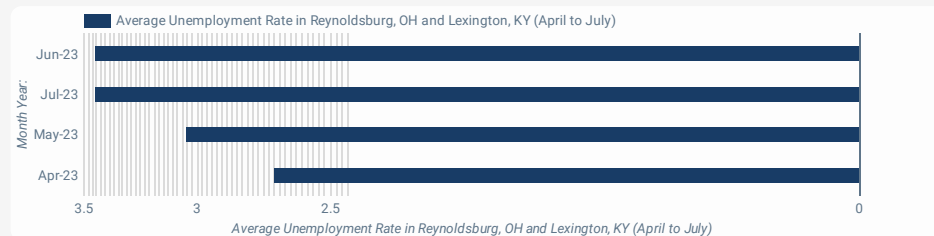
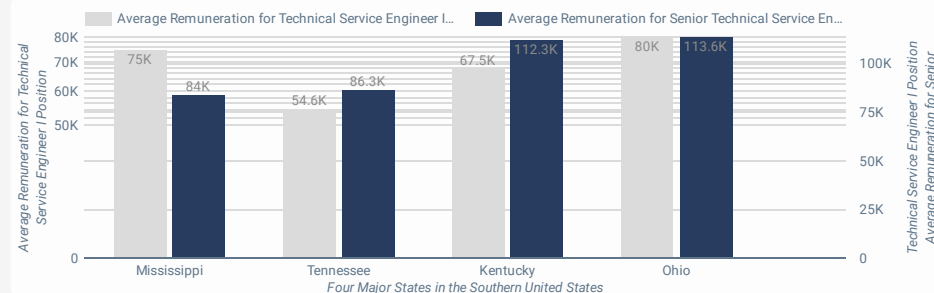


Average D&I Rate for OH & KY Automation Machinery Manufacturing

5.2

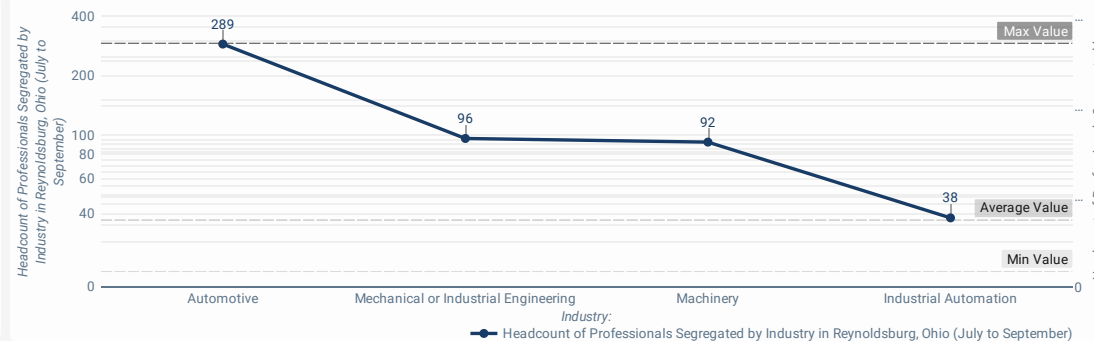
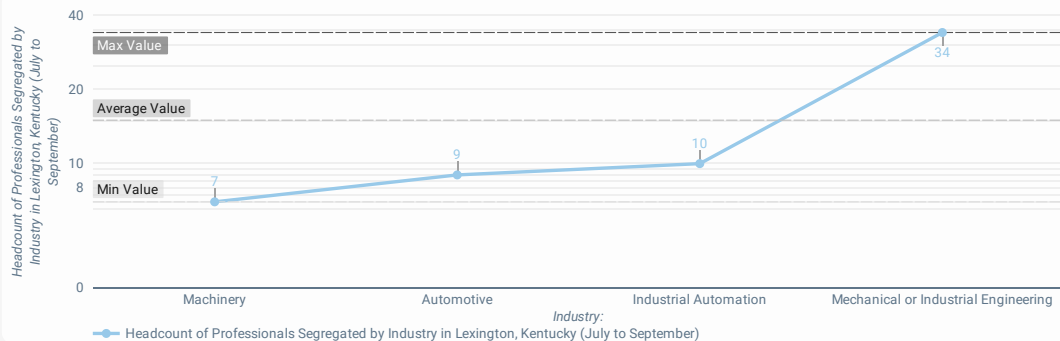
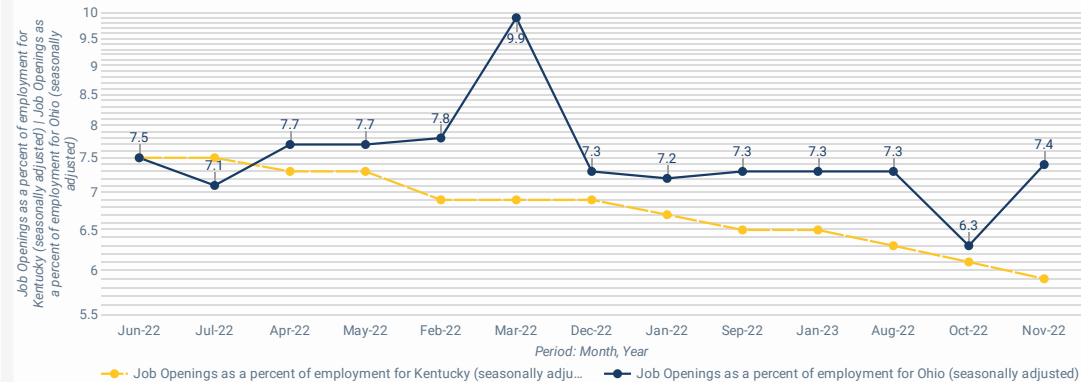
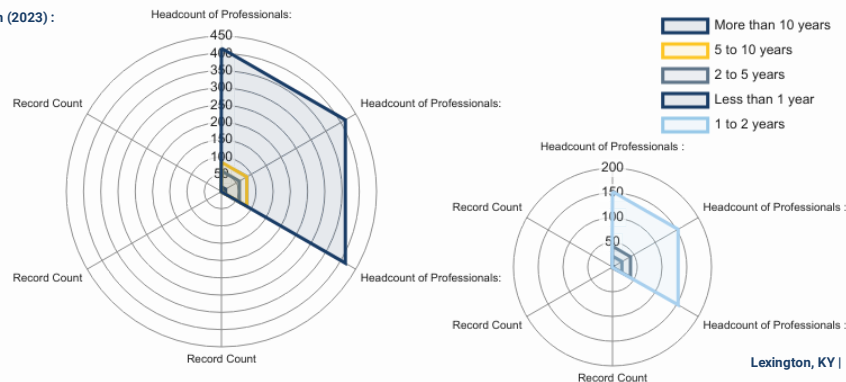
Median Tenure of Employees for OH & KY in Automation Machinery Manufacturing

1.8



| Years Occupied in Current Position (2023) :

| Reynoldsburg, OH





Data Analysis Summary:

Over the past 12 months, there has been a discernible disparity in competition density for the Technical Service Engineer I role in Ohio and Kentucky. Grey Solutions stands out as the dominant player, commanding a significant market share of **37.3%**, primarily concentrated in Kentucky. Path Robotics follows closely, with a substantial share of **25.4%**, predominantly in Ohio. Dematic maintains a notable presence with a share of **20.1%**, primarily in Kentucky. ATS Corporation secures a significant share of **17.2%** in Ohio, reflecting its influence in the region. These observations underline the competitive landscape, with Gray Solutions emerging as the frontrunner, signifying a broader industry trend.

When examining the collective professional tenure of individuals currently in the Technical Service Engineer I role in Ohio and Kentucky, a detailed analysis reveals intriguing insights. A visual representation of this data indicates a significant cluster of professionals, numbering one hundred and fifty-three (**153**) in Ohio and four hundred and fifty-nine (**459**) in Kentucky, who possess over 10 years of experience in their current positions. This highlights the presence of a substantial pool of seasoned practitioners within this particular experience bracket. In contrast, the chart also portrays a comparatively smaller concentration of professionals, specifically a limited number with 1 to 2 years of experience in their current roles in both Ohio and Kentucky. This implies a relatively reduced representation of professionals at the early stages of their careers within the technical service engineer role.

Moving to an overall analysis of labour market dynamics in both Ohio and Kentucky, with a specific focus on the prevailing unemployment rate, the data paints a significant picture. As of July 2022, both states recorded an unemployment rate of **3.45%**, indicating remarkable consistency between them. However, what stands out is the substantial **2.7%** decrease in the unemployment rate within the span of just one year. The significant **2.7%** reduction in the unemployment rate observed over the past year suggests a shift towards a more stable economic environment. This substantial decline likely reflects positive developments such as increased job opportunities, a growing economy, and favourable changes within various industries.

This data underscores the need for a comprehensive analysis to identify the underlying drivers of this decrease and assess its potential impact on the workforce and the local economy. It may necessitate the implementation of targeted policy measures and strategic initiatives aimed at sustaining job growth and furthering economic expansion.

Moreover, it is essential to consider various factors, including sectoral dynamics, global economic trends, and policy responses, when interpreting this data accurately. The ongoing decline in unemployment rates highlights the urgency for proactive engagement from both policymakers and businesses to fortify economic stability and continue fostering opportunities for the workforce.

Finally, a comprehensive overview of the registered job stock landscape over the past two years is provided, with a specific emphasis on the influx of new jobs reported to employment agencies and job centers. The ratio of unemployed people per job opening in Ohio was **0.6** in January, indicating a relatively favourable job market for job seekers. In Kentucky, the ratio was even lower at **0.5** in May, suggesting an even more favourable job market. These ratios imply that there were more job openings relative to the number of unemployed individuals, potentially indicating a healthy demand for labour and job opportunities in both states.