

# IT INDUSTRIES & APPRENTICESHIP



**Information technology (IT) companies and businesses in sectors with significant IT requirements face complex workforce challenges keeping up with the demands of rapid technological advancements. Fortunately, apprenticeships are a proven solution for recruiting, training, and retaining world-class technology talent.<sup>1</sup>**



The IT industry has been challenged to keep up with changing technology and a highly competitive global market. In May 2017, there were just under 4.7 million people working in IT and software. Three years later in June of 2020, there were nearly 6 million.<sup>2</sup> To compete, employers must aggressively market and recruit technical talent with the right skillsets, latest credentials, and an interest in the industry.

## HOW AN APPRENTICESHIP CAN HELP YOUR COMPANY

**From Day 1, apprenticeships offer measurable value:**

**Higher retention:** Losing an employee costs the company 1-2x their salary. By contrast, 89% of apprentices stay for at least 3 years after completing their program.<sup>3</sup>

**Higher productivity:** 78% of employers see improved productivity after starting a program – not just for apprentices, but across the board.<sup>4</sup>

**Greater diversity, bigger profits:** Companies with high levels of diversity bring in nearly 15x more sales revenue than those with low diversity.<sup>5</sup>

**Boost local economy:** Hiring workers in the local area can boost the economy through job creation, higher employment, tax revenues, and government savings.

A few of the many Information Technology occupations that are apprenticeable include:

- Computer Specialists
- Software Engineers
- Network Administrators
- Automotive Service Technicians
- Web Developers
- Energy Analysts

# 97%

of American businesses that sponsor apprenticeships recommend them to others.<sup>6</sup>

Visit [TechBuildClark.com](https://TechBuildClark.com) to learn more.



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### Sources

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- 3 Worcester Magazine, "Clark embarks on a 'Tech Quest' to create apprenticeships in growing industries." <https://www.worcestermag.com/story/business/employment/2020/12/10/clarkuniversity-funds-tech-apprenticeships/6473059002/>
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- 5 Science Daily, "Diversity Linked To Increased Sales Revenue And Profits, More Customers." <https://www.sciencedaily.com/releases/2009/03/090331091252.htm>
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