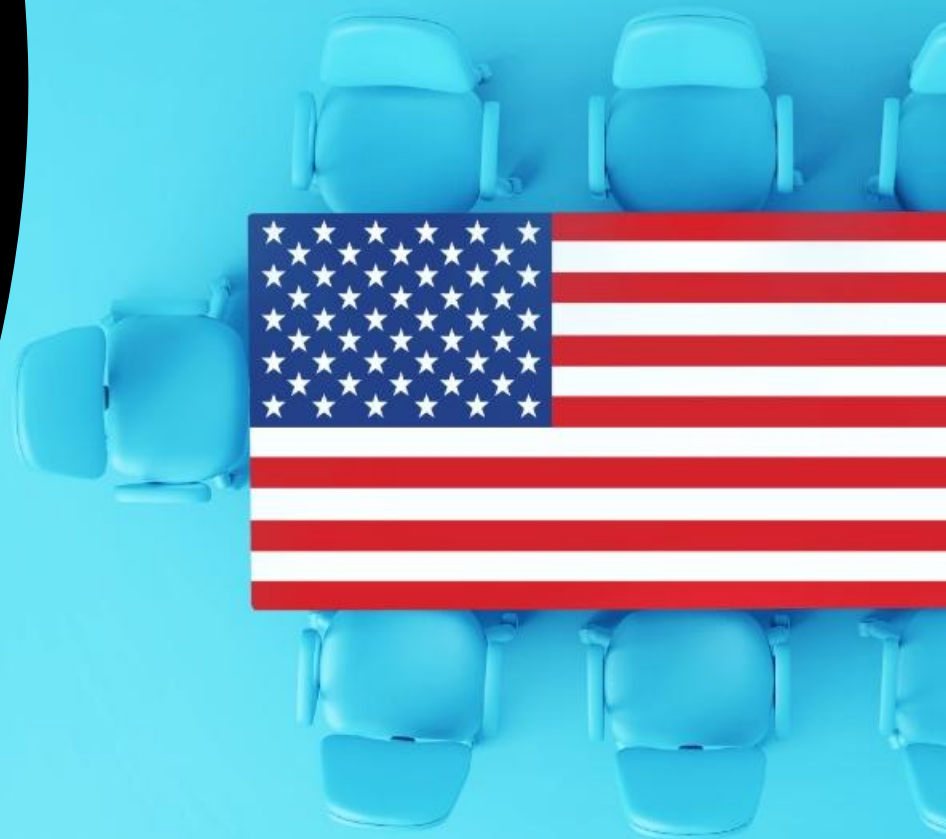# THE SCALERS

How many software engineers are there in the US?

Introduction

Global labour market trends will impact the US's top software engineer ranking. As the IT business increases worldwide, so does the number of foreign IT experts.

The number of software engineers worldwide is around 26.9 million. By 2024, it could expand to 28.7 million. And from 2001 to 2017, there was an increase in software developers in the US alone by an astounding 135%.

But how many software developers are working in the US today? Let's look at the figures!

The number of available US software engineers

The US has the highest number of software developers. More than 4.4 million! **About 680,000 of them are software engineers** with the right skill set and industry knowledge.

And while the number of software engineering jobs have increased, some specific roles have decreased. For instance, since the year 2000 the number of **computer programmers in the US has dropped by 60%**. But their earnings have increased by 47%. The average maximum income for a US software engineer is $248,000 while the lowest average compensation is $45,000.

This is great for engineers but problematic for businesses that want to stay competitive in a hot market of development talent.

There are 26.9 million software engineers worldwide

Source: Earthweb

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Causes for an increase in demand for software engineers

- The rapid advent of tech advancements.
- The limited life span of code requires upgrades and changes.
- The pandemic prompted an increase in digital transformation drives.
- A sudden shift from offline to online work.
- The implementation of various new tools.
- Projects are increasing in complexity.
- The need to build more programs.

How many software engineers in the US actually have the necessary skills to meet this demand?

Lack of educated software engineers: the solution

As one of the top industries in the world, **software engineering boosts economies in developing countries**. So, consider offshoring. As competent US engineers decline, global software engineers rise.

Software developers will reach 27.7 million by 2023 and 28.7 million by 2024. **Experts expect digital economies like India to surpass the US in software engineers by 2023.**

In comparison, there were only about 2.75 million available software developers in India in 2017. But by 2023, **that figure is expected to soar to 5.2 million.**

How many software engineers in the US are needed?

The employment rate among software engineers is 87%. Currently, with 1,365,500 job openings, there is a massive supply and demand problem.

The average time to hire a software engineer is 35 days, and **modern companies need more time and money for efficient screening.** Teaming up with an offshore partner could provide a solution to this issue.

Long and ineffective screening processes often cause a global software engineer shortage. **78% of software engineers change jobs for better pay, new challenges, and work-life balance.** Due to favourable market conditions, they shift positions faster and more efficiently.

Collaborating with an offshore partner

Is there enough local talent to meet your local talent needs? If not, **offshoring is the perfect sustainable**, long-term solution.

To identify the best partner for you:

- make sure they understand your company and the market
- review case studies and testimonials
- make sure your partner can choose candidates, verify tech skills, and keep developers engaged over time.

Source: Goremotely

India will overtake the US in number of software developers by 2023

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Summary: key points to remember

- There are many software engineers in the US, but there needs to be more skills due to the sheer amount of transformation projects.
- India is set to overtake the number of developers in the country by 2023 and with a higher calibre of software talent available.
- Partnering with an offshore development partner means you can leverage these skills and augment them into your existing US engineering setup.

The Scalers can help you develop an offshore engineering team to address your business's skills shortfalls. We're here to help you succeed!

Thank you

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