

## Meet Devin, world's first AI software engineer: What it does and how it works



Fig.Devin AI

Devin AI, developed by Cognition, has taken the tech world by storm with its claim to be the world's first AI software engineer. This isn't just an automated coding tool; Devin is designed to function as a collaborative teammate for human engineers. Its skillset is impressive: Devin can not only write code in various languages but also analyze problems, propose solutions, and then translate those

solutions into functional code. It's a quick learner, constantly ingesting and utilizing new data and experiences to improve its abilities. But Devin's true strength lies in its collaborative nature. It can work seamlessly alongside human engineers, actively seeking and incorporating feedback to refine its work. However, there's healthy debate about how much Devin can truly replace human engineers. While it automates many tedious tasks, software development is a complex field. The ability to craft intuitive user experiences, design innovative solutions, and grasp the project's overall vision are still seen as crucial human strengths. Devin might not possess these qualities yet, but its ability to learn and adapt suggests these areas may not be out of reach for future iterations.

## Microsoft and Adobe join hands to bring AI insights to Microsoft 365 apps

Adobe and Microsoft are joining forces to empower marketers with cutting-edge generative AI capabilities integrated directly into their workflow. This partnership will connect the power of Adobe's Experience Cloud with Microsoft's Copilot, bringing AI-driven insights and automations to key

Microsoft 365 apps like Outlook, Teams, and Word.

The marketing world is highly complex, with specialists juggling multiple roles and toolsets for design, campaign management, data analysis, and more. This fragmented environment leads to siloed work, misalignment, and lost productivity, Adobe says.



Fig. Microsoft and Adobe Partnership

Adobe and Microsoft aim to solve these challenges by infusing AI into marketers' day-to-day activities. Their initial focus is streamlining campaign creation and management across disparate teams and data sources. Envisioned capabilities include:

**Insights in the flow of work:** Copilot embedded in Microsoft 365 will surface real-time campaign analytics from Adobe Analytics and project management details

from Adobe Workfront, combined with Dynamics 365 data. Marketers can quickly check campaign performance, approval statuses and next actions – all without leaving Outlook or Word.

**Automated notifications:** Using workflow signals from Adobe Workfront, the integrated experience will notify teams about key milestones, feedback requests, and project updates across Microsoft 365 apps.

“The demand for personalised content across social media, mobile and other fast-moving channels has been exploding, pushing marketers to drive greater efficiency and productivity in their everyday work,” said Amit Ahuja, senior vice president, Digital Experience Business at Adobe.

## New AI benchmark tests speed of responses to user queries

Artificial intelligence benchmarking group MLCommons on Wednesday released a fresh set of tests and results that rate the speed at which top-of-the-line hardware can run AI applications and respond to users. The two new benchmarks added by MLCommons measure the speed at which the AI chips and systems can generate responses from the powerful AI models packed with data. The results roughly

demonstrate to how quickly an AI application such as ChatGPT can deliver a response to a user query.



Fig.Artificial Intelligence

MLCommons officials also added a second text-to-image generator to the suite of benchmarking tools, called MLPerf, based on Stability AI's Stable Diffusion XL model. Servers powered by Nvidia's H100 chips built by the likes of Alphabet's Google, Supermicro and Nvidia itself handily won both new benchmarks on raw performance. Several server builders submitted designs based on the company's less powerful L40S chip. Server builder Krai submitted a design for the image generation benchmark with a Qualcomm AI chip that draws significant less power than Nvidia's cutting edge processors. Raw performance is not the only measure that

is critical when deploying AI applications. Advanced AI chips suck up enormous amounts of energy and one of the most significant challenges for AI companies is deploying chip that deliver an optimal amount of performance for a minimal amount of energy. MLCommons has a separate benchmark category for measuring power consumption.

## **Tech sector layoffs in March 2024: Apple, Dell, IBM, and others let go thousands**

The tech industry's wave of layoffs shows no signs of slowing down as we enter the latter half of March 2024. Major players across the sector are still downsizing their workforces as economic headwinds persist. Here are the top 5 tech companies that made significant job cuts this month.

Ericsson to lay off 1,200 as 5G demand slows  
Swedish telecom giant Ericsson announced on March 25 that it will lay off about 1,200 employees in its home country amid slowed demand for 5G network equipment. The cuts are part of a broader cost-saving plan for 2024 that also includes reducing consultants, streamlining processes, and trimming facilities.

Ericsson cited expectations of a “challenging mobile networks market” this year with further volume contraction as customers remain cautious on spending. The company had nearly 100,000 employees globally at the end of 2023 after laying off 8,500 workers, or 8% of its workforce, last year to cut costs.

a *CNBC* report citing a source familiar with the matter.

The layoffs are part of IBM’s latest “workforce rebalancing” efforts, following the company’s announcement last August of plans to replace nearly 8,000 roles with AI technologies. IBM has stated it expects to end 2024 with a global workforce roughly the same size as it began the year.

The plagiarism detection firm Turnitin laid off around 15 people earlier this year as part of organisational changes, *TechCrunch* reported on March 7. The cuts are noteworthy given CEO Chris Caren’s comments last year that AI would enable Turnitin to reduce its engineering headcount by 20% within 18 months.

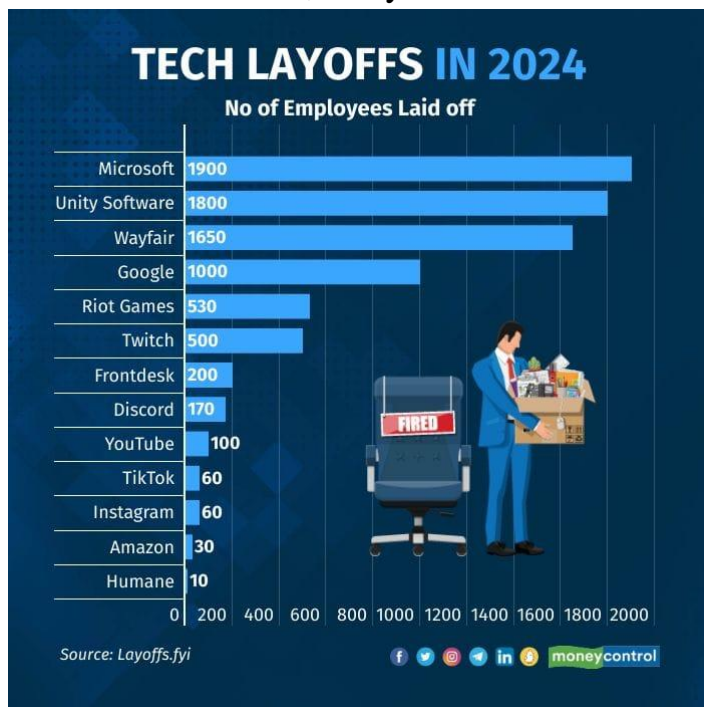


Fig.Tech Layoffs

IBM slashes marketing and communications staff

In a roughly seven-minute meeting on March 12, IBM’s chief communications officer Jonathan Adashek informed employees in the marketing and communications division of impending job cuts, according to

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