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Dice Daily

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tech news roundup. Get the latest updates about the tech job market and trends delivered fresh. From the latest employment numbers to the most cutting-edge insights into the tech job-hunting market, we'll keep you up-to-date with what you need. Dive into concise news articles, insightful analyses, and curated summaries… all designed to keep tech professionals like you in the know.

Daily Trends

With the Dice Daily content hub, you'll find everything from the latest employment numbers and industry reports to cutting-edge insights into the ever-evolving tech job-hunting landscape. Our articles will deliver the most important information about the tech job market quickly and efficiently, and they're paired with insightful analyses from industry experts who unpack complex trends and offer valuable perspectives. Basically, everything you need to keep up and stay ahead of a dynamic tech job market.

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Cybersecurity Burnout: Costing Enterprises More Than Money

Article

Cybersecurity Burnout: Costing Enterprises More Than Money

The stress associated with cybersecurity is everywhere: alerts from the security operations center, patching updates, the latest ransomware attack, zero-day exploits, the growing demands of governance and regulatory oversights from government agencies. The pressure on CISOs and their security teams can be intense, given how they are held responsible following a data breach or a

successful ransomware attack that can trigger a law enforcement investigation. In some extreme cases, security leaders have been held criminally liable. The burnout associated with cybersecurity and stress on tech pros costs U.S. businesses about $626 million in lost productivity annually, according to a survey published by Hack the Box, a performance center platform provider. The results are based on two sets of interviews each involving more than 1,000 security leaders and practitioners in the U.S. and U.K. Beyond illustrating the stress CISOs and their teams are under, the results underscore why recruiting an

Article

Using AI to Boost Your Tech Documentation

Article

Using AI to Boost Your Tech Documentation

If you've spent any time in software development, you understand the importance of documentation. But for many tech professionals, writing and editing documentation is a time-consuming pain—and a task they could accelerate through judicious use of AI. But how can you most effectively use AI to complete documentation? Before we plunge into that, it's important to differentiate some broad types of documentation, including: Process documentation (breaking down how you did something) Product documentation (here's how it works; breaks down into system and user documentation, targeted at different audiences) Requirements documentation (where's what we need!) Planning documentation (here's how we'll build it!) There are further breakdowns, of course, including: Technical specifications Product roadmaps Troubleshooting/QA guides Tutorials Standards documentation Metrics documentation System/sysdmin documentation It's a lot, in other words, especially when you consider how each of these documen

Article

These 23 Tech Skills are the Most Difficult to Hire For

Article

These 23 Tech Skills are the Most Difficult to Hire For

Companies everywhere need tech professionals for all sorts of reasons, from thwarting cyberattacks to building the next generation of "smart" apps. But where are managers experiencing the biggest difficulties in hiring tech talent? The latest edition of Skillsoft's C-Suite Perspective Report offers some key insights into that question, based on responses from 219 C-level executives who completed Skillsoft's 2024 IT Skills and Salary Survey. As you can see from the following chart pulled from the report, cybersecurity topped the list of hard-to-hire tech specializations, followed (perhaps predictably) by artificial intelligence (AI) and machine learning, analytics, and cloud computing: For context, it's important to remember that the overall tech unemployment rate dipped to 2.5 percent last month, according to the latest CompTIA analysis of U.S. Bureau of Labor Statistics (BLS) data; that's notably below the general unemployment rate of 4 percent. Tech professions that enjoyed double-di

Article

Latest Content

Tech Unemployment Made a Surprising Dip Last Month

The tech unemployment rate tumbled from 3.4 percent to 2.5 percent in September, the biggest such dip in four years, according to a new analysis of U.S. Bureau of Labor Statistics (BLS) data by CompTIA. "It was never really a question of if, but when employers were going to resume hiring," Tim Herbert, chief research officer for CompTIA, wrote in a statement accompanying the data. "A broad mix of companies viewed recent economic developments as the greenlight to move forward in addressing their tech talent needs." The broader economy gained 118,000 new tech positions, while employment within the tech industry rose by 8,583 net positions. "Analysis of U.S. Bureau of Labor Statistics (BLS)

#JobsReport data reveals new hiring was primarily driven by the subsectors of cloud infrastructure, data processing and hosting (+6,000) and tech services and custom software development sector (+2,900)," continued CompTIA's report. "An estimated 6.4 million professionals are employed in core tech occu

Are Tech Pros Using AI for Programming Education?

You've no doubt heard about tech professionals turning to generative AI tools such as ChatGPT to learn new things about coding. But are a majority of tech pros actually using AI for programming education? Or are they still relying on tried-and-true methods such as technical documentation and how-to videos? According to Stack Overflow's exhaustive Developer Survey, a significant percentage of tech pros are turning to AI for coding tips—but they're using other methods a lot more. Here's a chart based on data from 48,822 respondents: Given all the hype around AI, some folks might wonder why more tech pros haven't adopted ChatGPT and its ilk as learning tools. Stack Overflow's survey also found that 31 percent of developers and engineers seem skeptical of AI's output to some degree; they might not necessarily trust what a chatbot tells them about the nuances of coding. But looking at it from another angle, AI tools are relatively new and have already surpassed other learning methods as a g

Tech Unemployment Ticked Upward Last Month

The tech unemployment rate ticked upward last month, hitting 3.4 percent, according to the latest U.S. Bureau of Labor Statistics (BLS) data analyzed by research firm CompTIA. That's still notably below the national unemployment rate of 4.2 percent. Once you dig into the data, a more nuanced picture emerges. For example, the tech services and custom software development subindustries added some 3,400 workers in August, even as tech manufacturing lost 2,500 workers. Job postings for tech positions increased to just over 500,000 last month, while actual tech occupation employment declined by 28,000 positions. "The bumpy stretch of tech labor market data requires the usual balancing of shorter-term and longer-term perspectives," Tim Herbert, chief research officer for CompTIA, wrote in a statement accompanying the data. (Or as Charles Dickens once said: it was the best and worst of times.) Employers remain hungry for tech professionals regardless of their formal degrees. "Job posting data

GitHub Copilot: Deep Dive into an AI Assistant

Artificial intelligence (AI) has reached a saturation point where every developer needs to make use of it, or at least consider integrating it into their current workflows. Among the most popular types of AI are chatbots and code completion tools built into IDEs, including VS Code and GitHub Copilot. If you're using a popular IDE, and you want to be a developer, you must learn Copilot. (There are other competing tools you'll probably want to learn, too, especially Amazon's Q for Developer.) Let's take a deep dive into Copilot and find out how you should direct your learning and practice. What is Github Copilot? GitHub Copilot is an AI tool created by GitHub in conjunction with OpenAI, the maker of ChatGPT. It's a plugin for various IDEs, including VS Code, Visual Studio, JetBrains, and even a fork of Vim called Neovim. It includes a chat and a code autocomplete feature, and it functions essentially as a second person in a paired programming scenario, helping write code, answer question

Are Tech Professionals Using AI Tools in Everyday Work?

How often are tech professionals actually using artificial intelligence (AI) tools for code generation and other vital tasks? That's a core question tackled by data from Dice's new Sentiment Report, a comprehensive look at tech professionals' opinions on everything from remote work to office culture. The Report, based on 520 qualified responses from fully employed technology professionals residing in the U.S., found that nearly half (49 percent) of tech professionals who specialize in AI use AI tools at least once a week, versus 25 percent of "generalized" tech professionals. Of the AI professionals who use generative AI in their everyday work, 36 percent say that these tools make a significant impact on their work. Meanwhile, 50 percent believe that there will be a significant impact to the future of their work. On the software development front, popular tools for AI work include ChatGPT, GitHub CoPilot, Google Gemini, and other AI-powered chatbots; one recent survey indicated that te

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Big data

Business analytics

Cognos

Data analysis

Data Engineer

Data science

Datadog

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ETL

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MySQL

Neural networks

Oracle

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Python

Python Developer

SAP HANA

Snowflake

Spark

Splunk

SQL

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Remote cyber security

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