

Veille Technologique : L'essor de l'IA Générative en Développement Logiciel (2024–2025)

Tendances clés

- **Agents autonomes de développement** : Devin AI, développé par Cognition Labs, est un assistant autonome capable de coder, déboguer et planifier des projets logiciels de manière indépendante.
- **Transformation des rôles des développeurs** : L'intégration de l'IA dans le développement logiciel transforme les rôles des développeurs, les orientant vers des tâches de plus haut niveau, nécessitant une collaboration étroite avec les outils d'IA pour concevoir et maintenir des systèmes complexes.

Innovations annoncées

- **Débogage proactif** : Des outils d'IA sont en développement pour identifier et corriger les bugs avant le déploiement, améliorant ainsi la qualité du code.
- **Génération de code spécialisée** : Des plateformes comme AWS CodeWhisperer intègrent des modèles adaptés aux secteurs spécifiques pour générer du code pertinent.

Défis anticipés

- **Sécurité et conformité** : L'utilisation de l'IA dans le développement logiciel soulève des questions de sécurité et de conformité, nécessitant des outils pour scanner les vulnérabilités dans le code généré.
- **Gouvernance des modèles d'IA** : L'Union européenne travaille sur des réglementations pour encadrer l'utilisation des modèles générateurs d'IA.

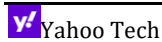
Cas d'usage futuristes

- **Évolution des rôles dans le développement logiciel** : Varun Mohan, PDG de Windsurf, prévoit une transformation du rôle des développeurs en "constructeurs", utilisant l'IA pour créer des logiciels de manière plus intuitive et rapide.

Impacts sur les métiers

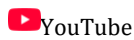
- **Création de nouveaux rôles professionnels** : La montée de l'IA générative entraîne la création de nouveaux rôles professionnels, tels que les "AI Whisperers", spécialisés dans l'optimisation des modèles d'IA pour des applications spécifiques

Sources



This six-figure role was predicted to be the next big thing—it's ...

Aujourd'hui — Once hyped as a career paying \$200K with no coding required, prompt engineering was supposed to be the next big thing.



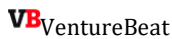
Inside Devin: The AI engineer that's set to write 50% of its ... - YouTube

4 mai 2025 — Scott Wu* is the co-founder and CEO of Cognition, the company behind Devin—the world's first autonomous AI software engineer.



AI and bank software development | Deloitte Insights

24 avril 2025 — New AI models and tools are rapidly transforming software engineering in ways that were not envisioned a couple of years ago.



Devin 2.0 is here: Cognition slashes price of AI software engineer to ...

3 avril 2025 — Devin 2.0 builds on Cognition Labs' earlier efforts to streamline software development by allowing users to work alongside autonomous agents.



[PDF] Getting practical: How artificial intelligence could reshape finance

20 mars 2025 — In Deloitte's 2024 year-end The State of · Generative AI in the Enterprise report, almost three-quarters of survey respondents say that their ...



The Great AI Talent War of 2025: Why Every Company Needs an

12 février 2025 — An AI Whisperer isn't just another data scientist or software engineer—they're a hybrid professional capable of translating cutting-edge ...



The Rise of AI Agents—and the AI Whisperers - Forbes

13 janvier 2025 — These AI-educated employees, sometimes called "AI Whisperers," understand the intricacies of their businesses, industries, and customers, and ...



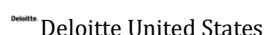
Generative AI In Software Development: Strategic Insights ... - Forbes

20 décembre 2024 — Although GenAI has the potential to reshape the software engineering process, organizations should continue to use it to assist human developers ...



More task focus, the rise of AI whisperers and improved observability

18 décembre 2024 — "A new class of high-paying roles will emerge for 'AI Whisperers' who specialize in fine-tuning and guiding AI systems in real-world ...



What's next for AI? - Deloitte

11 décembre 2024 — According to Deloitte's Q3 2024 State of generative AI in the enterprise report, 75% of surveyed organizations have increased their investments ...

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Chief AI Officer Blog - The future of coding is here - Deloitte

6 novembre 2024 — Fuelled by the forces of Artificial Intelligence (AI), the realm of software development is rapidly evolving.

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AI and software development quality | Deloitte Insights

28 octobre 2024 — A three-part series on maintaining software quality as organizations integrate gen AI and explore common design challenges and opportunities to optimize for ...

 CTO Magazine

AI Replacing Jobs and Workforce Tensions in Deloitte's 2024 Report

23 septembre 2024 — This article delves into how anxieties round AI replacing jobs and other insights from Deloitte are shaping workplace culture.

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8 juillet 2024 — As the U.S. job market cools, AI prompt engineers are in hot demand, commanding six-figure salaries and fierce employer competition.

 Deloitte United States


Generative AI forces rethink of software development process

1 juillet 2024 — Freeplay CEO Ian Cairns describes how the organization has adapted to the paradigm shift that generative AI demands while building AI applications.

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How AI whisperers can become AI shamans | by George Pór - Medium

24 juin 2024 — We're walking on the path from wisdom-guided AI to wisdom-fostering AI. Walking on that path, AI whisperers are becoming AI shamans.

 Technology Waves by Prof. Ahmed Banafa

The Rise of the AI Whisperers: New Jobs in the Age of Generative AI

5 mai 2024 — In this article, we explore ten of the top jobs that have emerged or will likely emerge as a result of generative AI.

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AI just officially took our jobs... I hate you Devin - YouTube

13 mars 2024 — Cognition Labs just unveiled a new AI coding tool called Devin that is designed to automate the job of software engineers.

 Cognition

Introducing Devin, the first AI software engineer - Cognition

12 mars 2024 — Devin is a tireless, skilled teammate, equally ready to build alongside you or independently complete tasks for you to review.

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A startup called Cognition Labs just... | Zain Kahn

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Rise Of The AI Whisperers - Forbes

11 mai 2023 — An AI whisperer is a specialist who excels in comprehending, communicating with and guiding AI systems.

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Devin AI is an autonomous artificial intelligence assistant tool created by Cognition Labs. Branded as an "AI software developer", the demo tool is designed ...

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The company developed Devin AI, an AI software developer. Cognition AI, Inc. Company type, Private. Industry, Information technology. Founded ...

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Scott Wu - Wikipedia

In 2023, Wu co-founded Cognition AI which developed Devin AI. It raised \$21 million in funding from Peter Thiel's Founders Fund. Achievements.

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State of Generative AI in the Enterprise 2024 | Deloitte US

Explore the complete findings—including Q4 results—from the Deloitte AI Institute's survey series tracking Generative AI investments, successes, and challenges ...

 Cognition

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We're the makers of Devin, a collaborative AI teammate that helps ambitious engineering teams achieve more. Get started with Devin [Learn more about Devin ↗](#). +++ ...

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Devin is a collaborative AI teammate built to help ambitious engineering teams achieve more.

 The Washington Post

At Deloitte, artificial intelligence helps create AI-powered innovations.

Deloitte's developers are now using generative AI to help in their creation of AI-based innovations for clients.