

# THE RISE OF AGENTIC AI IN FINANCIAL SERVICES INSIDE THE INFOSYS- COGNITION PARTNERSHIP



In early January 2026, Infosys and Cognition announced a partnership to deploy Devin – the world’s first AI software engineer, created by Cognition across Infosys’ global client base and internal engineering ecosystem. While the collaboration spans multiple industries, its immediate impact is being realized in financial services, where the scale, complexity, and regulatory demands of software engineering are among the highest of any sector.

For banks, capital markets firms, and payments providers, software engineering is no longer a support function; it is the business itself. Core platforms, risk systems, digital channels, regulatory reporting, and customer experience are all software-driven. Against this backdrop, the introduction of autonomous, agentic engineering at enterprise-scale represents a meaningful shift in how financial services technology can be built, modernized, and governed.

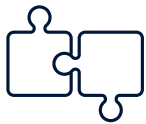
By combining Cognition’s advanced autonomous engineering and agentic capabilities with the modular and secular architecture of Infosys Topaz Fabric™, the collaboration aims to boost developer productivity, accelerate time-to-market, and significantly shorten modernization timelines.

The partnership marks one of the world’s largest deployments of agentic software engineering. Infosys has already validated the technology internally over the last six months, reporting positive gains in both efficiency and engineering quality. The collaboration is therefore not experimental, but a deliberate, production-scale initiative.



**Scott Wu**  
CEO and Co-founder  
Cognition

*“I think the programmers of the future are going to be 10x more valuable. And why should a human engineer be worth less if they’re now able to produce 10x more?”*



## Strategic Fit

Devin has specifically been rolled out within Infosys Financial Services practice, supporting use cases across wealth management, capital markets, insurance, banking, and payment within its own teams and in client organizations.

Financial services enterprises operate some of the world’s most complex technology networks. Core banking systems, trading platforms, policy administration systems, and payment rails often span decades of accumulated code, integrations, and regulatory logic. Change is essential, but difficult, risky, and slow.

The Infosys–Cognition partnership is strategically aligned with these realities. At its core, Infosys helps clients solve problems and drives enterprise transformation. Cognition, on the other hand, was born as an AI-native company rather than having to transform into one. It is rooted in deep programming expertise and AI experience. Partnering with Cognition and using their platform will enable Infosys to deliver solutions better and faster, accelerating outcomes for both their clients and the partnership itself.

As a smaller and younger organization, Cognition has consistently focused on building AI coding tools that work for everyone – not just for a narrow group of elite users – an important factor for large banks and insurers with diverse engineering functions. The partnership combines Cognition’s inclusive vision for AI-driven coding with Infosys’ expertise in scaling and democratizing technology access across diverse markets and geographies, including global financial services organizations.

The partnership positions both companies strongly within the financial services landscape, where:

- Cognition gains access to Infosys’ vast global client base and enterprise expertise.
- Infosys establishes early leadership in autonomous AI engineering, clearly differentiating it from competitors.
- Clients gain access to enterprise-grade AI software engineering at scale, backed by real-world validation.

Devin will next be deployed across Infosys healthcare, energy, retail, and other industry verticals.



## Addressing the Talent Question in Financial Services

The collaboration inevitably raises a broader question. Will AI and agents reduce the need for software engineers, or will they unlock even more demand for software development? This situation mirrors Jevons paradox, where increased efficiency leads to increased demand and consumption rather than reduction. Financial Services organizations consistently face large backlogs: modernizing legacy platforms, enhancing digital experiences, meeting regulatory changes, improving risk systems, and maintaining critical infrastructure. Much of this work remains undone due to resource constraints.

As AI increases engineering productivity, it unlocks work that was previously impractical. The likelihood of software engineering demand shrinking in Financial Services is low; instead, organizations gain the capacity to do more of what they already know needs to be done.

With AI, massive amounts of software development work that currently stays undone due to time and resource constraints will be unlocked. Hence, the likelihood that AI will reduce software engineering jobs is low.



## The Future of Engineers in Financial Services, with Devin

With Devin, engineers in banks and financial institutions become more productive without losing relevance. Since demand for financial services software is essentially unlimited, increased productivity does not diminish value; rather, it amplifies it. Devin frees engineers from repetitive, low-value work so they can focus on creative, strategic problem-solving. By offloading routine tasks like debugging, routine testing, and implementation, engineers can shift their time to system design, regulatory-aware planning, architectural decisions, and higher-order decision-making. A useful analogy to explain this is that humans become the architects, defining intent, constraints, and design, while Devin lays the bricks and executes within those boundaries.



## Brownfield Engineering is the Reality of Financial Services

Devin, in collaboration with Infosys Topaz Fabric, will also automate brownfield engineering. Most coding tools today excel in greenfield development, which involves new projects built from scratch. This is where vibe coding tools excel. However, it is in brownfield development that existing environments, systems, and platforms are improved. This is where Devin stands out: it can navigate existing codebases to debug issues, perform upgrades, and work across multiple integrated systems.

Most financial services engineering is brownfield work. Core platforms already exist. Systems are interconnected. Regulatory logic is embedded deep within codebases. This is where many AI coding tools struggle and where Devin excels.

Almost 80–90% of actual software engineering involves iterating large established products and codebases – adding new features to live systems, performing upgrades and modernization, fixing issues in production code, and navigating complex repositories.

Brownfield engineering is difficult to automate because of certain practical challenges, such as having to:

- Navigate codebases with tens of thousands of files

- Work with CI/CD loops
- Teach agents to iterate with existing test infrastructure
- Interact with live applications
- Work with monitoring tools
- Write code that matches the existing styles

Devin is designed to operate effectively in precisely these conditions.



## Devin and Enterprise Migrations

Enterprises face constant migration pressures, but once a technology stack is chosen, organizations are often locked in for a decade or so because migration is difficult and time-consuming. Despite Infosys' long specialization in this sphere, only a fraction of desired migrations is ever fully completed. Many clients defer migration projects until they become unavoidable.

With Devin, migration and modernization efforts can be executed faster and more efficiently, making them more feasible. This is because more migrations can actually be completed; furthermore, since the underlying technology will upgrade much faster, more migration requirements will be created. AI accelerates both the pace of innovation and the rate at which organizations can adopt change, resulting in more work being generated.



## Risk and Regulatory Compliance

Risk and regulatory compliance are central concerns for enterprise clients, especially those in banking and financial services. Many organizations hesitate to adopt new technologies due to compliance constraints. Devin, however, has been designed with real enterprise requirements in mind.

Cognition has focused on enterprise requirements that matter to the majority of engineering organizations:

- Federated access and org-level permissions for teams
- FedRAMP compliance and similar certifications
- Hybrid cloud and VPC deployments
- Model restrictions that allow control over how and where AI models are used

As a result, Cognition is seeing accelerated adoption cycles. Once security requirements are satisfied, organizations do not want red tape to block technology that materially improves how teams operate. Infosys has also observed that often, the main barrier is not technology or security but change management – organizations' reluctance to change leads to delays. That is slowly melting away as the value becomes undeniable.



## Leading Humans and Agents

Infosys operates large engagements that combine human teams with digital agents. Managing humans is already complex; managing humans alongside digital agents introduces new challenges. However, as Cognition notes, managing agents is remarkably similar to managing human teams. The same principles of leadership, delegation, and accountability apply, making this an evolution rather than a disruption. Engineers are essentially learning leadership and management skills through working with AI agents.

Agents can effectively flatten organizational hierarchies by enabling leaders to directly engage with technical work and data without relying on multiple layers of reports. This reduces dependence on traditional middle layers and reshapes technical leadership, enabling leaders to better understand operational reality firsthand.

### Sources:

<https://www.infosys.com/newsroom/press-releases/2026/collaboration-accelerate-ai-value-journey.html>

<https://cognition.ai/blog/infosys-cognition>

<https://www.infosys.com/newsroom/press-releases/2026/collaboration-accelerate-ai-value-journey.html>



## Parting Thoughts

AI tools like Devin do not just speed up the Software Development Life Cycle (SDLC) – they fundamentally compress and blur traditional role boundaries, making teams smaller and more agile, with individuals capable of spanning multiple traditional roles.

Devin reshapes the learning curve of young engineers, molding their development into architects and decision-makers rather than languishing as code typists. This accelerates their growth, since they are compelled to engage with higher-level thinking earlier in their careers.

As Cognition co-founder Walden Yan fittingly puts it, “As humans, we’ve been living in survival mode this whole time, and now we’re going to live in creative mode.” For financial services organizations navigating complexity, regulation, and constant change, that shift may be one of the most meaningful outcomes of the Infosys–Cognition partnership.

## Author



### Dennis Gada

**EVP, Global Head of Banking & Financial Services**

Dennis Gada is the Global Head of Banking & Financial Services and part of the Executive Committee at Infosys. Dennis serves on the Boards of EdgeVerve Systems Limited, a product and platform subsidiary, and Infosys Compaz Pte. Ltd (iCompaz), a joint venture with Temasek Holdings. Overseeing the company’s largest business unit, Dennis leads a high-performing global team and is responsible for defining strategy, driving growth and innovation, ensuring operational excellence, and managing all commercial and financial aspects of the global financial services business. Dennis has over 25 years of international experience across APAC, Europe, the US, and continues to travel extensively while currently residing in Charlotte, North Carolina.

For more information, contact [askus@infosys.com](mailto:askus@infosys.com)



© 2026 Infosys Limited, Bengaluru, India. All Rights Reserved. Infosys believes the information in this document is accurate as of its publication date; such information is subject to change without notice. Infosys acknowledges the proprietary rights of other companies to the trademarks, product names and such other intellectual property rights mentioned in this document. Except as expressly permitted, neither this documentation nor any part of it may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, printing, photocopying, recording or otherwise, without the prior permission of Infosys Limited and/ or any named intellectual property rights holders under this document.