

AI-Powered Developer Platforms

Driving the future of cloud-led business transformation services

2025 CONSTELLATION SHORTLIST

The Constellation ShortList™ presents vendors in different categories of the market relevant to early adopters. In addition, products included in this document meet the threshold criteria for this category as determined by Constellation Research. This Constellation ShortList of vendors for a market category is compiled through conversations with early adopter clients, independent analysis and briefings with vendors and partners.

ABOUT THIS SHORTLIST

2024 was the year where AI was building on the initial transformation to all aspects of software that happened in 2023, one key focus area remains code generation and with that developers have been affected on how to write, review and organize code. With the progress in 2024, we have seen a major step forward towards ASO (see below), with more to come in 2025. Already at the end of 2024 more autonomous use of agent was being made available and is likely going to be the major theme for 2025.

As a result “developer velocity” is up in 2024 and more will happen in 2025 with more tools and techniques utilizing artificial intelligence (AI) to increase developer productivity. GenAI helps to go beyond the pure developer function on the software development life cycle (SDLC) with genAI understanding test protocols, software deficits and autonomously is able to fix and the put them even into a code repository for deployment.

These new, emerging capabilities are vital to making developers more productive and are evolving quickly—from early starts of code line completion over larger constructs on code review, to code asset discovery, all the way to complete code completion. As such, these innovations are a key step for enterprises to move to automated software operations (ASO), which includes ultimately the autonomous creation of software by software.

For more on the concept of ASO, see: Holger Mueller, “The Future of DevOps Is Automated Software Operations,” Constellation Research, June 21, 2019. <https://www.constellationr.com/research/future-devops-automated-software-operations>

LIKE WHAT YOU SEE?

Consider partnering with Constellation Research on your go-to-market-strategy. Email ShortList@ConstellationR.com for more info.

To learn more about Constellation Research Shortlists visit:
www.constellationr.com/ShortList

6 SOLUTIONS TO KNOW

Constellation evaluates more than 30 solutions categorized in this market. This Constellation ShortList is determined by client inquiries, partner conversations, customer references, vendor selection projects, market share, and internal research.



AMAZON Q DEVELOPER AND CODE GURU



GITHUB COPILOT



GOOGLE AI CODING CAPABILITIES



JETBRAINS IDES + JETBRAINS AI ASSISTANT



MICROSOFT VISUAL STUDIO INTELLICODE



TABNINE

THRESHOLD CRITERIA

Constellation considers the following criteria for these solutions:

- The ability to generate working code
- More than five AI/ML-powered code productivity capabilities
- A roadmap of how AI/ML will further improve the developer experience
- Capabilities adjacent to coding – either ‘left’ to requirements or ‘right’ to QA, documentation and training etc.
- Autonomous capabilities available / coming in 2025
- Tangible results and examples of how these features increase developer velocity
- Support of popular programming languages
- Easy uptake and education on new features
- Over 75K developers using the new AI capabilities
- Over 150K developers have access to the AI capabilities

BUSINESS THEMES



Future of Work



Technology Optimization



Data to Decisions



Marketing Transformation



Matrix Commerce



Next Generation Customer Experience

ABOUT CONSTELLATION RESEARCH

As an award-winning Silicon Valley-based strategic advisory and futurist analyst firm, Constellation Research serves leaders and organizations navigating the challenges of digital strategy, business-model disruption and digital transformation. Constellation works closely with solution providers, partners, C-suite executives, board of directors, and its Constellation Executive Network of buy-side leaders to lead the way in research coverage and advise clients how to achieve valuable business results.

FREQUENCY OF EVALUATION

Each Constellation ShortList is updated at least once per year. Updates may occur after six months if deemed necessary.

EVALUATION SERVICES

Constellation clients can work with the analyst and the research team to conduct a more thorough discussion of this ShortList. Constellation can also provide guidance in vendor selection and contract negotiation.



Holger Mueller

Vice President & Principal Analyst

Holger Mueller focuses on the synergies between people and software. As the hand-to-machine ratio radically changes over the next decade (primary factors: age dynamics and technology innovation), enterprises need to find the appropriate balance between changes in a dynamic workforce and the creation and adoption of next-generation applications, all determining the Future of Work and helping enterprises accelerate. Mueller provides strategy and counsel for key clients, including CTOs, CHROs and CIOs as well as investment analysts, VCs, PE firms and technology buyers.

