

GitHub Copilot: Improve the Developer Experience and Go to Market Faster



Business Challenges

In today's competitive digital landscape, business leaders face mounting pressure to accelerate software development while maintaining high code quality. Organizations struggle with developer talent shortages, increasing technical debt, and the need to modernize legacy systems. As a result, businesses seek solutions that enhance productivity, improve developer satisfaction, and drive technological innovation. GitHub Copilot is transforming software development by providing AI-powered coding assistance that streamlines workflows and enhances efficiency. Companies are rapidly adopting GitHub Copilot to empower their engineering teams, positioning AI-assisted coding as a cornerstone of modern software development strategies.

Our solution

GitHub Copilot leverages advanced AI to assist developers by offering real-time code suggestions, automating repetitive tasks, and reducing the cognitive load of writing complex code. By seamlessly integrating into existing development environments, GitHub Copilot enhances the productivity of individual developers, optimizes team performance, and supports enterprise-wide digital transformation.

For CTOs and IT executives, GitHub Copilot represents more than a coding assistant – it's a strategic enabler for scaling development efforts, addressing skill gaps, and fostering innovation at unprecedented speeds. With education and training services from Insight, take the guesswork out of integrating GitHub Copilot into your software development processes and discover how your developer teams can leverage this innovative tool for maximum impact.

Features & Benefits



Enhanced productivity:

Developers complete tasks faster with AI-assisted code generation, reducing time spent on boilerplate coding and syntax troubleshooting.



Increased developer satisfaction:

GitHub Copilot provides a better development experience, reducing frustration and improving job satisfaction – key factors in talent retention.



Improved code quality:

GitHub Copilot enhances maintainability by offering well-structured, consistent, and contextually relevant code suggestions.



Security & compliance awareness:

Built-in AI guidance helps reinforce best practices, though proper governance is essential to mitigate risks.



Knowledge transfer & modernization:

GitHub Copilot bridges expertise gaps within development teams, accelerating onboarding and modernization of legacy systems.

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Outcomes

By leveraging GitHub Copilot, our clients report measurable improvements in developer efficiency, code quality, and time-to-market. By reducing cognitive overhead and automating routine coding tasks, developers focus on higher-value work – fueling innovation and competitive differentiation. In addressing talent constraints and improving the developer experience, you take a forward-thinking position, more attractive to top-tier engineering talent in a highly competitive market.



Unique approach – AI that works with developers

Unlike traditional automation tools, GitHub Copilot is designed to work with developers, not replace them. Its deep integration into existing workflows ensures minimal disruption while maximizing the benefits of AI-assisted coding. Copilot's ability to learn from vast repositories of high-quality code sets it apart, making it a dynamic and adaptable assistant rather than a static automation tool.

Why Insight?

Insight Enterprises is a leading Solutions Integrator that helps clients solve technology challenges by combining the right hardware, software, and services. As a Fortune 500 technology company, backed by 35+ years of expertise and a deep network of 6,000+ partners, we deliver secure, end-to-end IT solutions for organizations around the world.

Related services

- **GitHub Enterprise**
Benefit from a secure, scalable platform for collaborative software development.
- **Advanced Security Solutions**
Implement best practices to address AI-generated code vulnerabilities.
- **Developer Training and Enablement**
Upskill teams on AI-assisted development methodologies.