



# Accelerating Infrastructure as Code development with MCP and Bicep

By Bernie White

# Hello

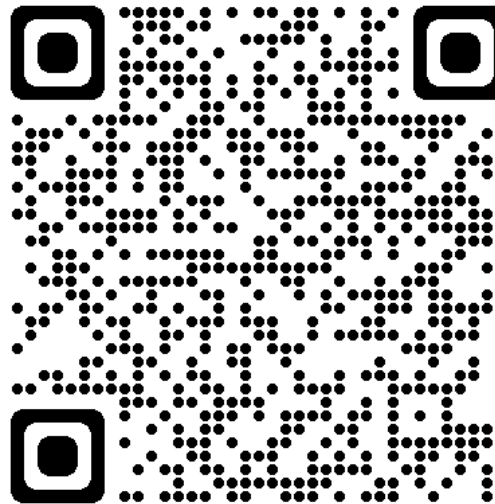


## Bernie White

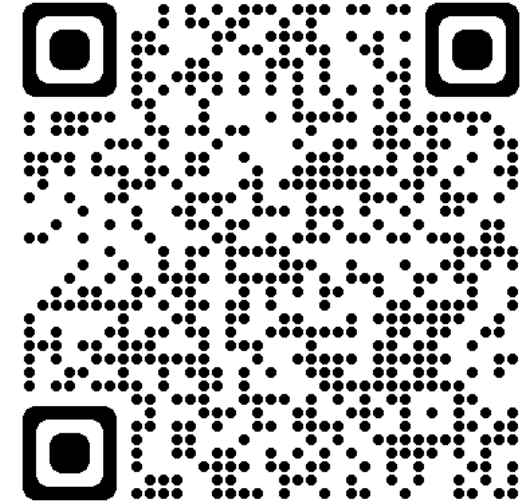
Software Engineer

Speaker, inventor of PSRule, Software Engineer, DevOps, and Cloud Solution Architect at Microsoft.

Focusing on the DevOps Infrastructure as Code problem space for the last five years, I spend a lot of time talking to customers around DevOps and Azure governance.



[Bernie White | LinkedIn](#)



<https://aka.ms/ps-rule-azure>

# Model Context Protocol (MCP)

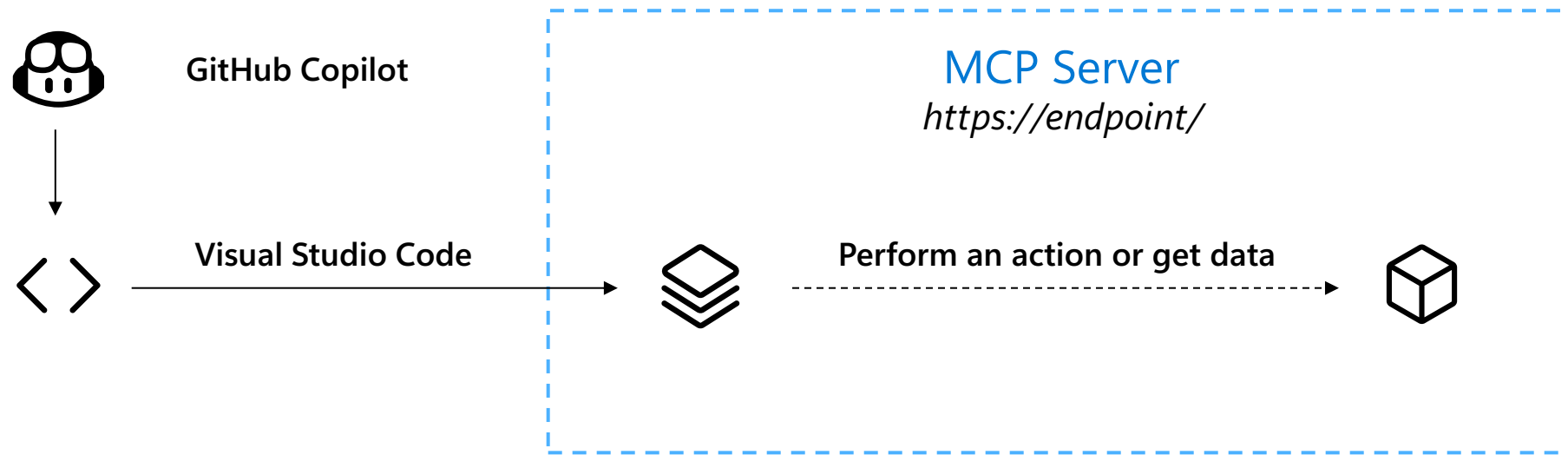
*In short:* Is a standard API that AI systems know how to use to add context dynamically.

<https://modelcontextprotocol.io/overview>

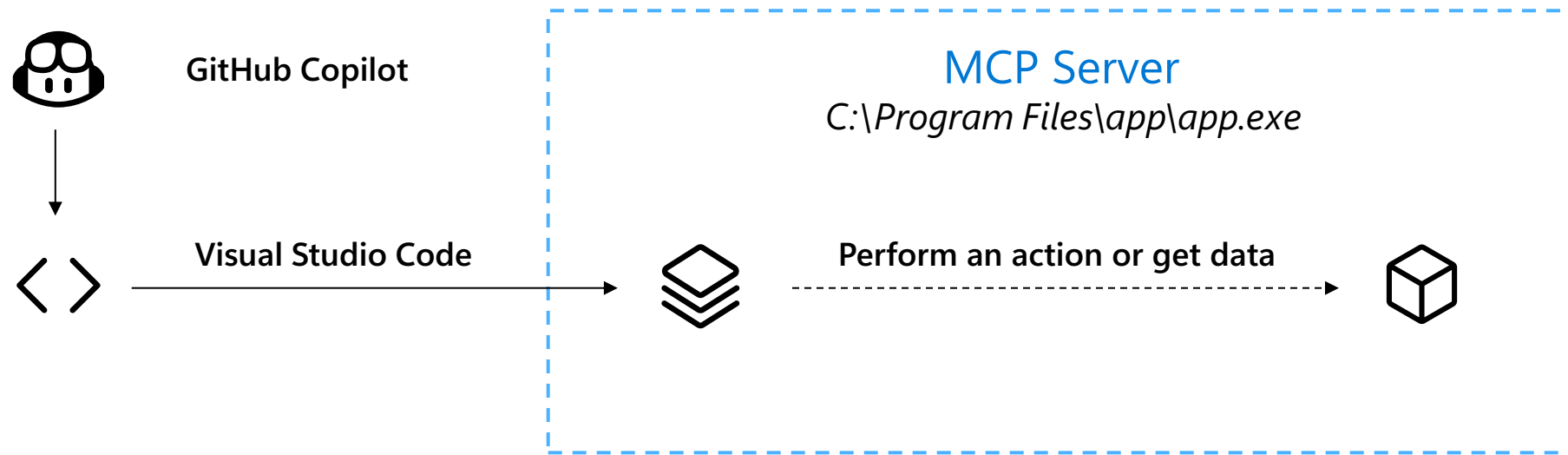
AI-enabled tools are powerful, but they're often limited to the information you manually provide or require bespoke integrations.

Whether it's reading files from your computer, searching through an internal or external knowledge base, or updating tasks in an project management tool, MCP provides a secure, standardized, *simple* way to give AI systems the context they need.

# Via HTTPS



# Via Stdio



Demos

The image features a solid blue background. On the left side, the word "Demos" is written in a white, sans-serif font. To the right of the text, there is a large, abstract, organic shape that resembles a stylized leaf or a drop. This shape is filled with a gradient of blue, transitioning from a darker blue on the left to a lighter, more vibrant blue on the right. The shape is outlined by a thin, light blue line. In the bottom right corner, there are additional abstract shapes in shades of purple and pink, partially overlapping the main blue shape.

