

# AI Integration for Developers:

Leveraging ChatGPT and Copilot in Your  
Long-Term Projects

**Mihaela Ghidersa**

Speaker & author

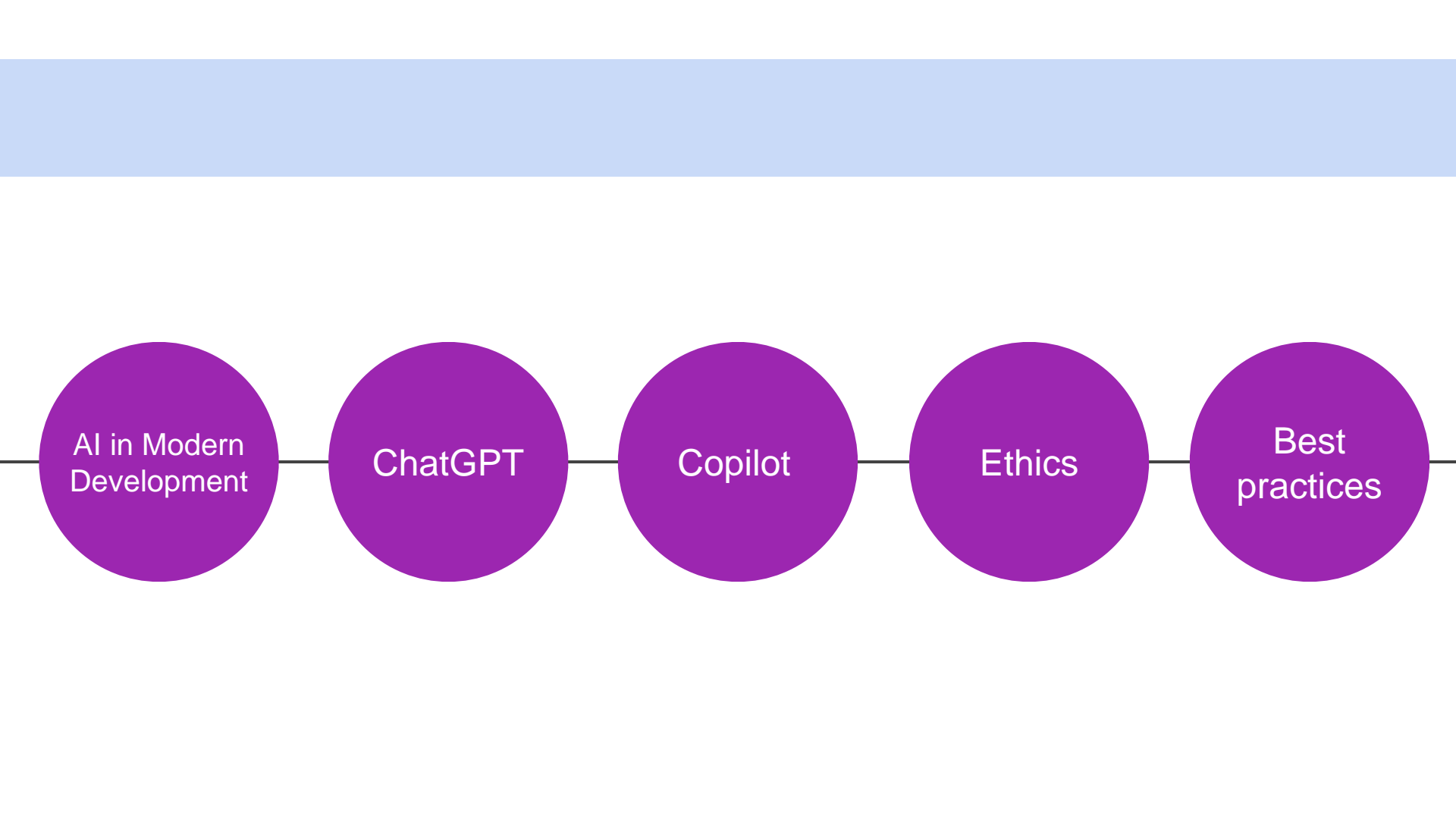
Microsoft MVP

Technical Lead

Passionate about outdoor activities

Reading & blogging





AI in Modern  
Development

ChatGPT

Copilot

Ethics

Best  
practices





# ChatGPT

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- Advanced natural language understanding and generation
- Contextual awareness and memory
- Versatility in various applications
- Programming language and code understanding
- Customisable and adaptable responses

# Collaborative coding with Copilot

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- Context-aware code completion
- Support for multiple languages and frameworks
- Automated code generation
- Code refactoring and suggestions
- Learning and exploration tool

# Prompting



Play time!



# Integration Process

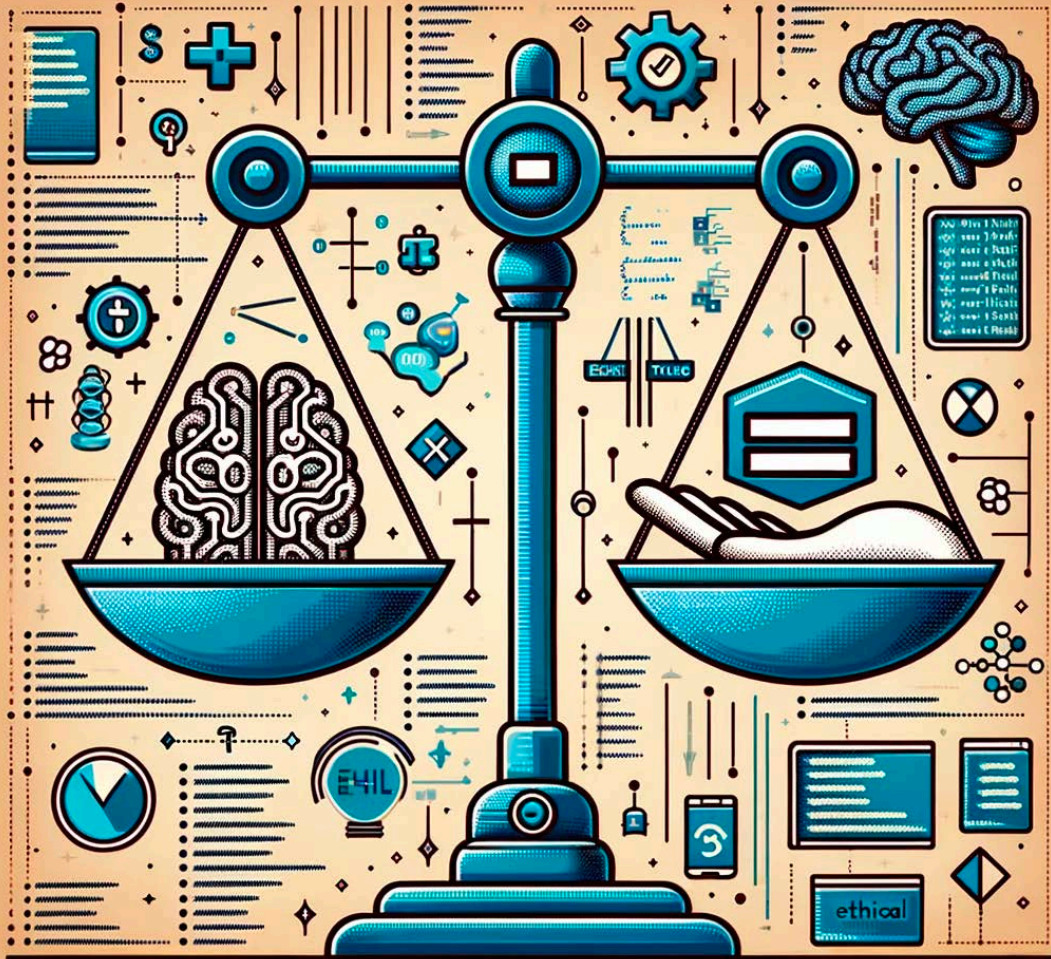
- Understanding AI capabilities
- Setting realistic expectations
- Choosing relevant AI technologies
- Customisability and Compatibility
- Continuous Learning and Improvement
- Workflow integration
- Collaboration and Adaptation



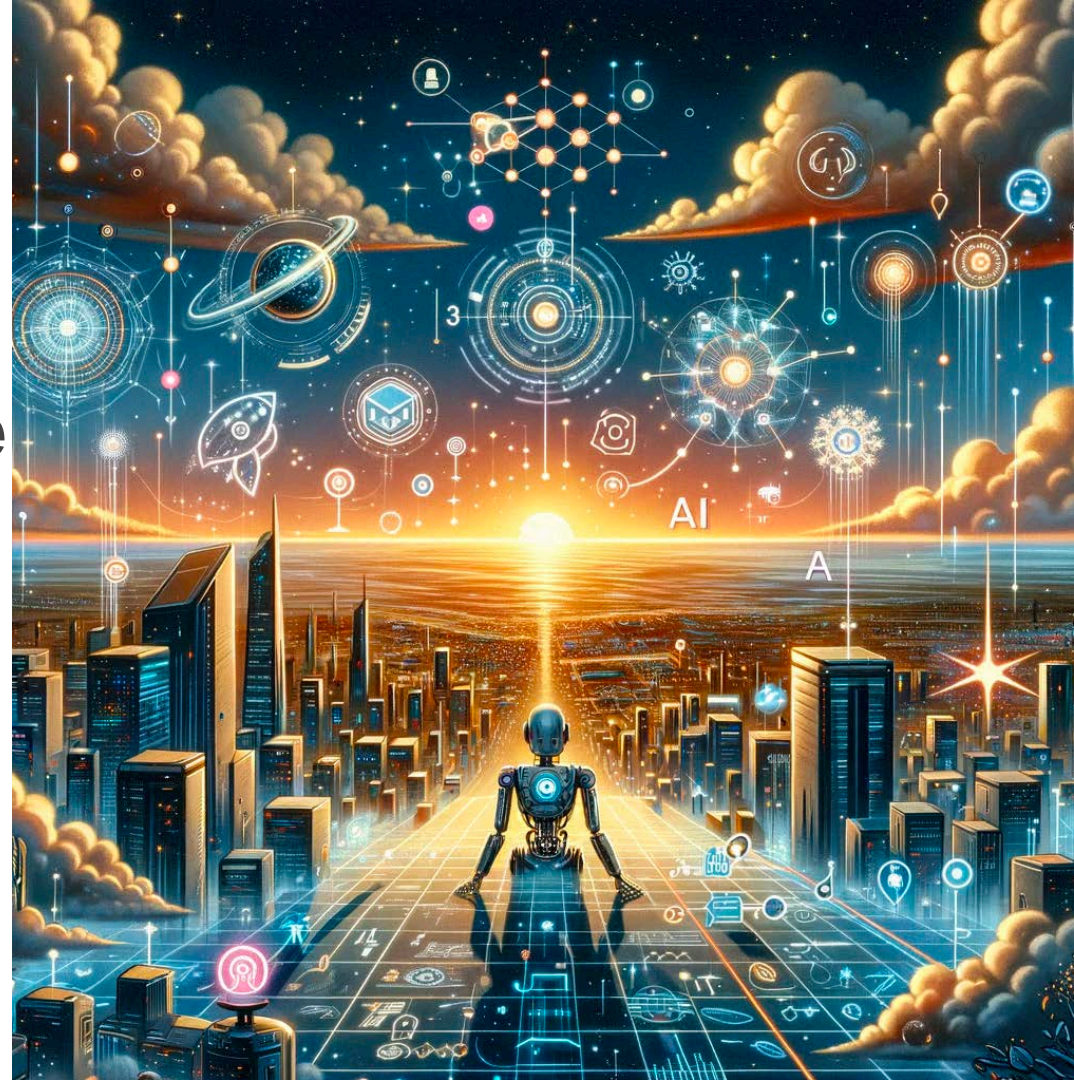
# Best Practices for Integrating AI Tools

- Clear Objectives and Gradual Integration
- Continuous Learning and Quality Control
- Ethical Use and User Experience
- Balance AI and Human Skills
- Security and Privacy
- Collaboration and Communication
- Effective and Responsible Use

# Ethical Considerations and Responsible Use



# Long-Term Advantages & Future Outlook



# Thank you

(crafted using chatGPT)

- <https://docs.github.com/en/copilot/using-github-copilot/getting-started-with-github-copilot>
- <https://platform.openai.com/docs/guides/text-generation>
- <https://docs.github.com/en/copilot/quickstart>
- <https://learn.microsoft.com/en-us/copilot/overview>
- <https://learn.microsoft.com/en-us/shows/azure-enablement/building-a-private-chatgpt-with-azure-openai>
- <https://www.deeplearning.ai/>



BYE!



**@ghidersam**



**@mihaelaghidersa**

