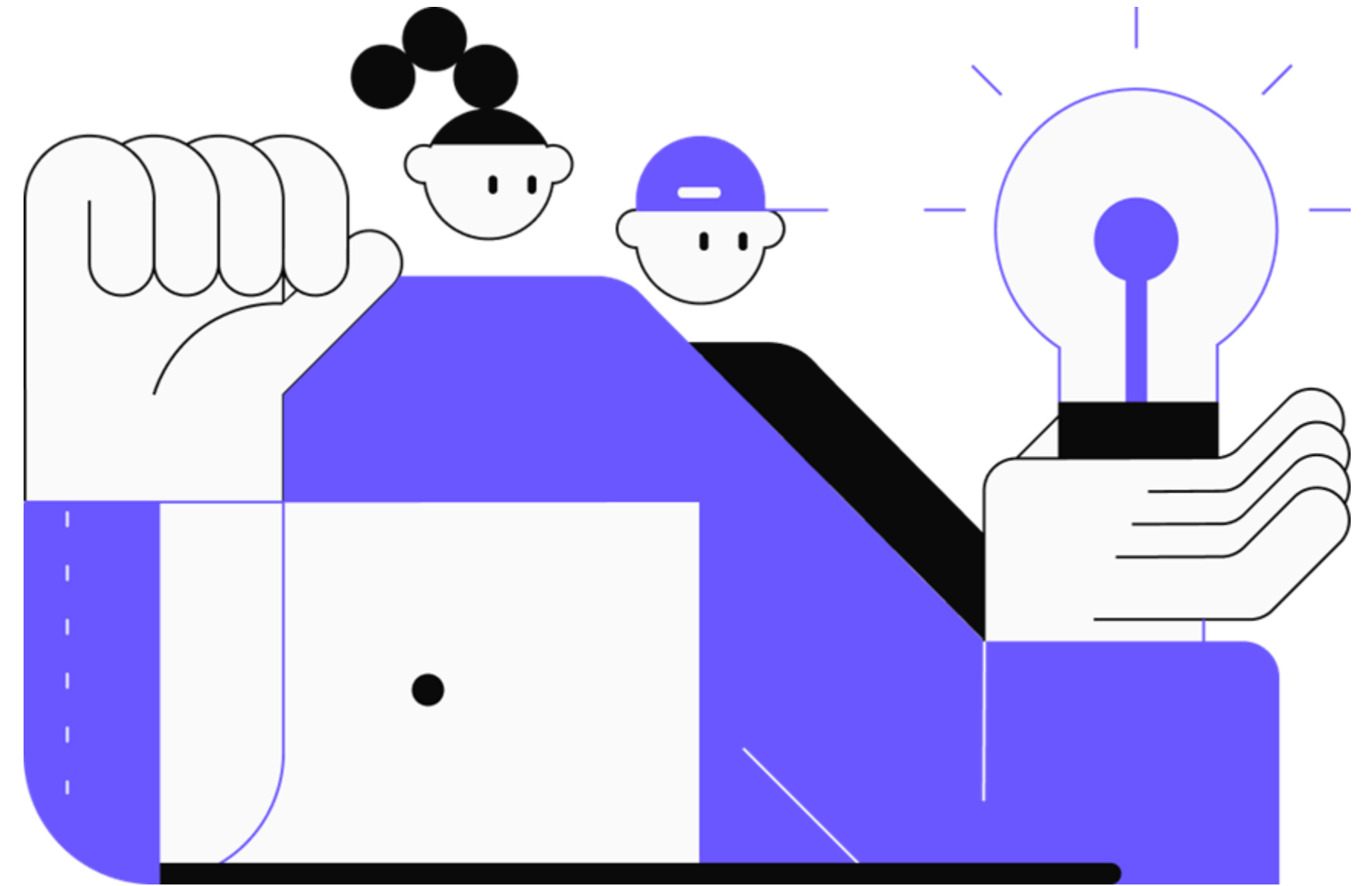**JETBRAINS**

AI Agents for devs

Challenge for hackaTUM 2024
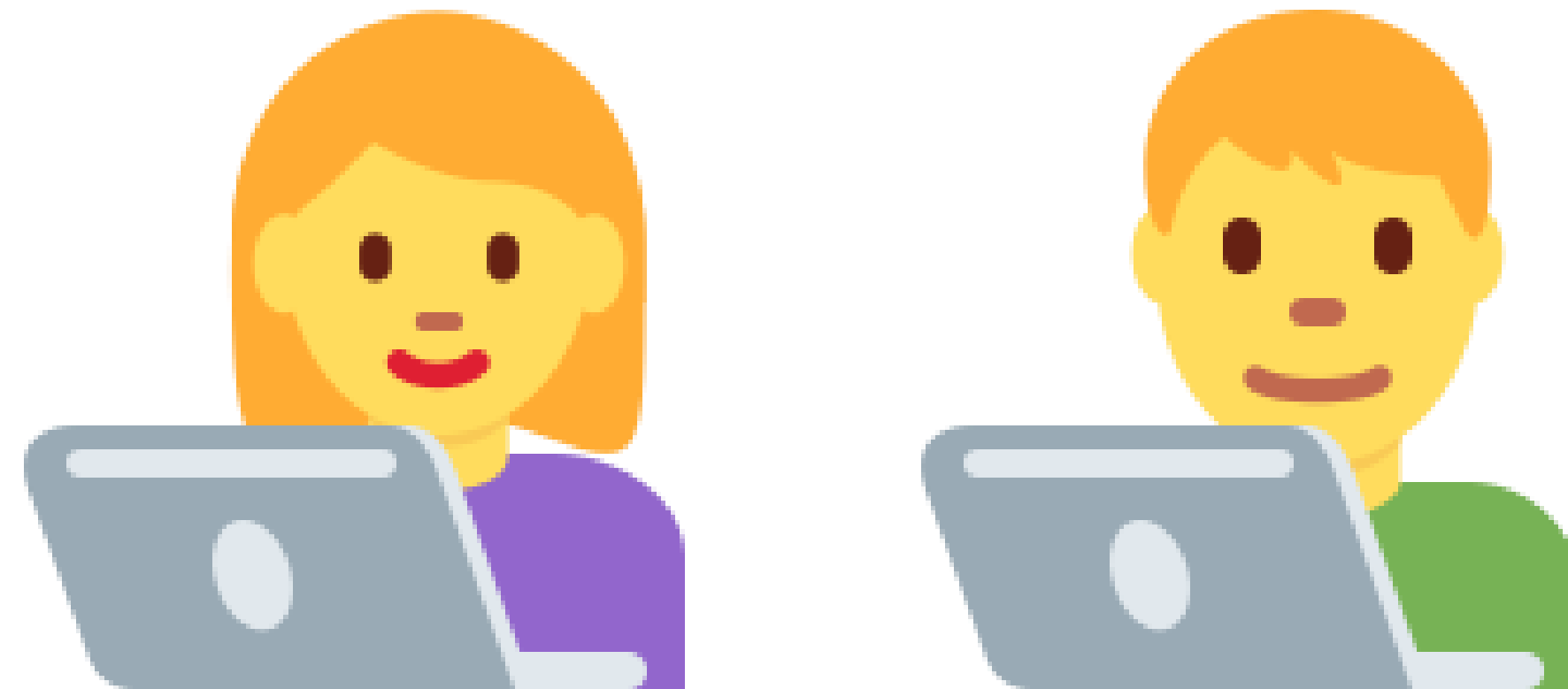
Wout Werkman

Developer

JetBrains AI

- Mellum - JetBrains' New LLM

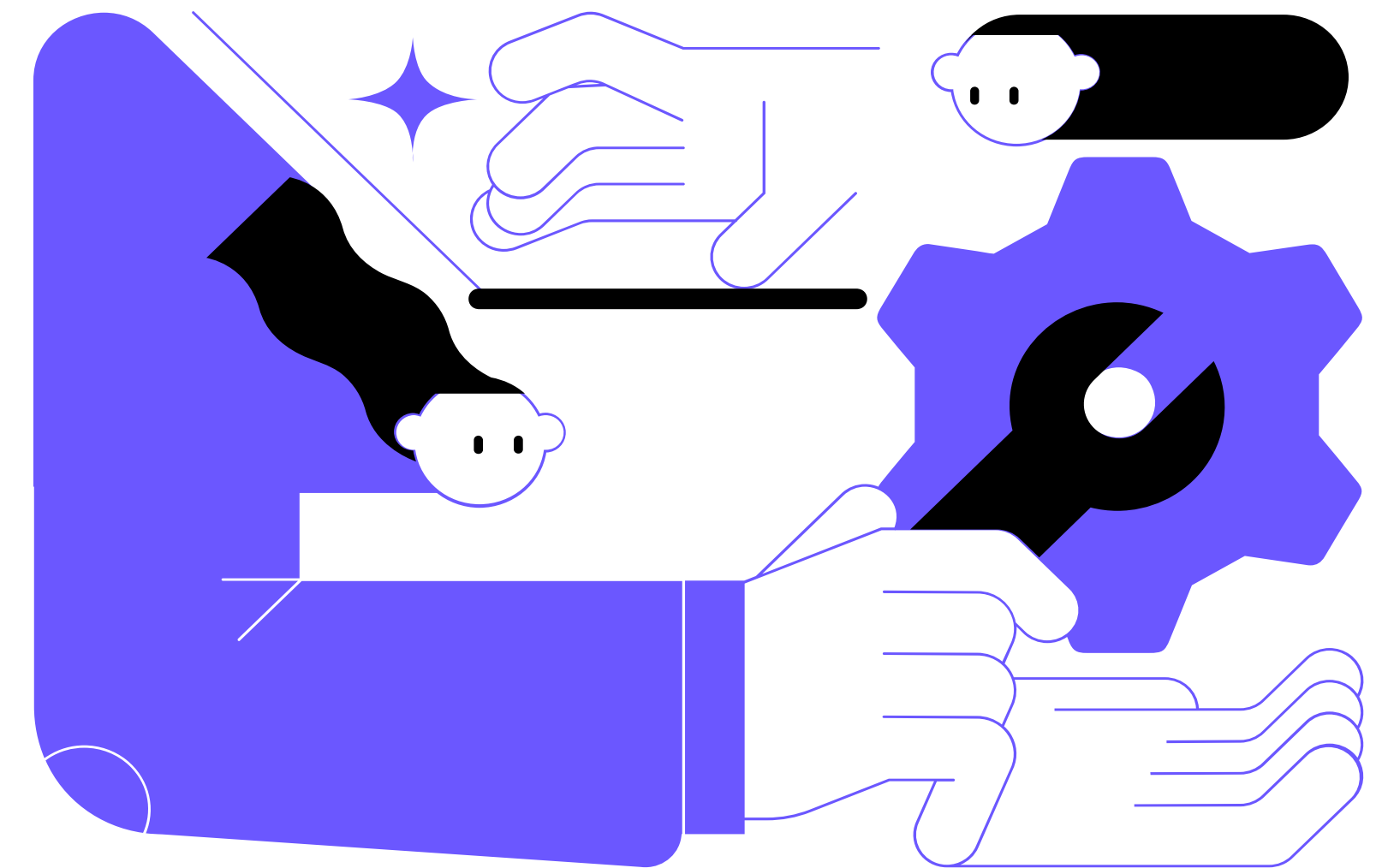- AI assistant

- IDEs features

What is an AI agent?

- Agents are kernels of micro-autonomous intelligence designed to complete intellectual and knowledge-based tasks.

- Autonomous agents can be powered by LLMs and equipped with advanced decision-making frameworks to operate independently – making decisions and performing tasks without human intervention.

If you want to improve developer experience with AI agents, this track is for you!
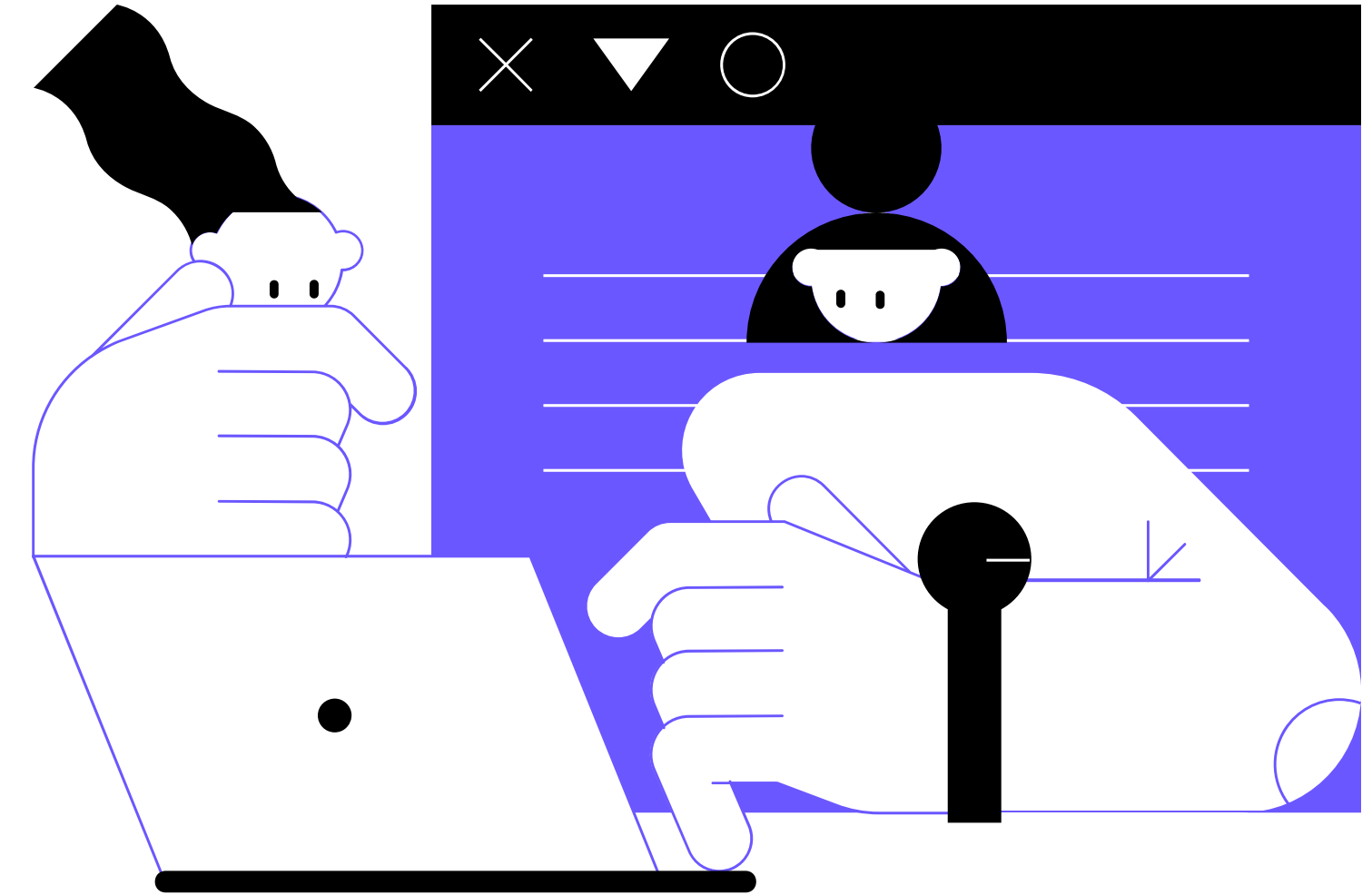
What do we expect?

- Live demo on Sunday
- Working app or plugin
- Around coding/developing
- Integration with JetBrains Tools
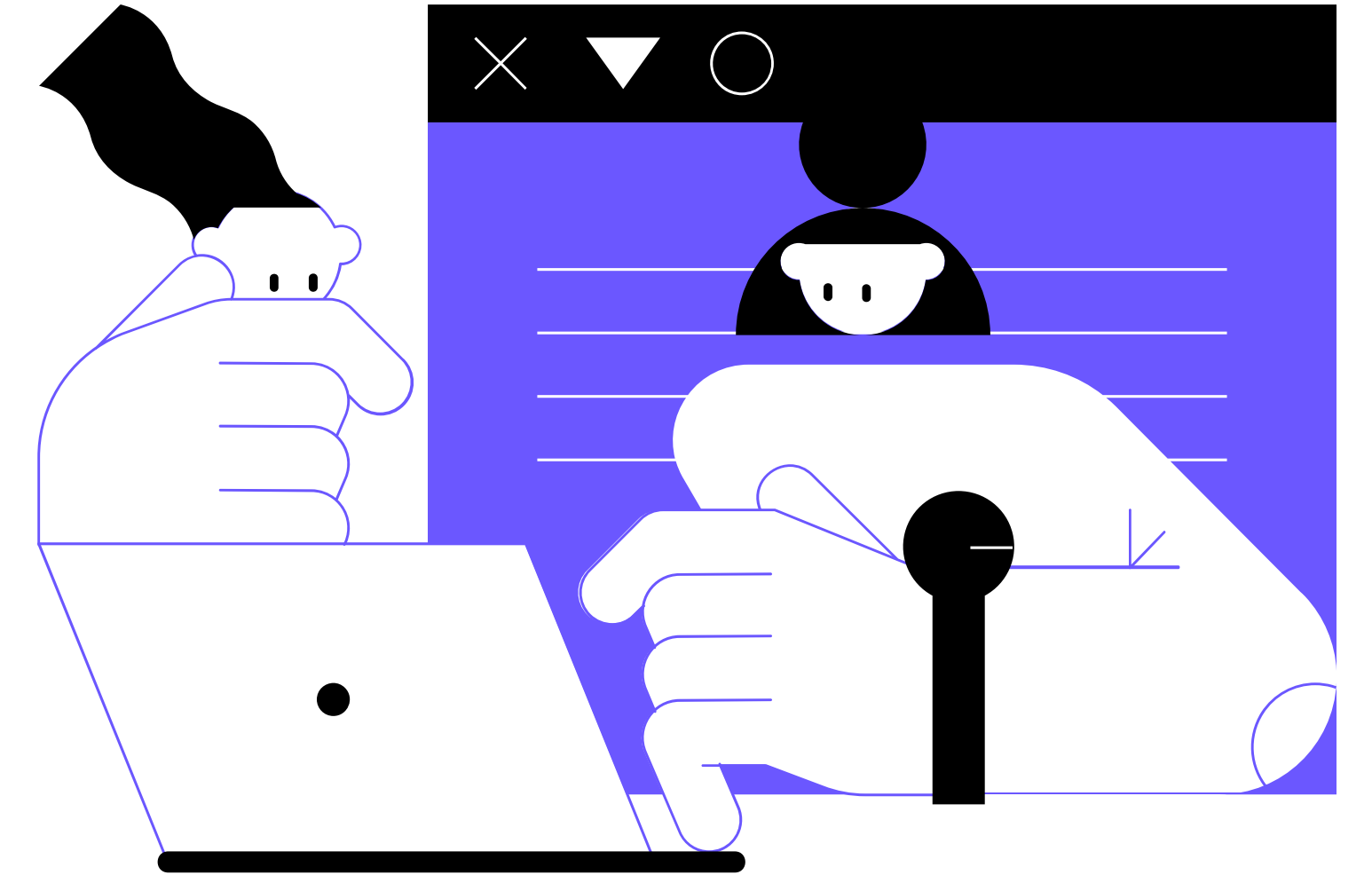
What will you learn?

- Basics of AI agents

- Practical applications of AI agents

- Prompting AI for effective responses

- Techniques for task decomposition

Example and inspiration

SWE-agent takes a GitHub issue and tries to automatically fix it, using GPT-4, or your LM of choice

https://swe-agent.com/

Go wild