



GlobalBoost Coding Hacks

10. Integrate GitHub Copilot or AI Tools for Accelerated Coding

Why: Manual coding is time-intensive; AI assistants like GitHub Copilot (powered by models like Grok) suggest code snippets, boosting productivity by 55% per studies, especially for boilerplate or learning new languages in fast-paced dev environments.

How to Implement: Install in VS Code via extensions, then type comments or partial code for suggestions. Accept with Tab. Use ethically for prototypes or refactoring, reviewing outputs for accuracy.

```
python
# Example prompt in code
# Function to fetch and parse JSON from API

# Hack: AI-suggested code (example output)
import requests

def fetch_json(url: str) -> dict:
    response = requests.get(url)
    response.raise_for_status()
    return response.json()
```

Analysis: AI tools reduce coding time by 20-50% for repetitive tasks, per 2026 developer surveys, while improving code quality through best practices. They're not infallible (hallucinations possible), so pair with tests; integration in IDEs like VS Code streamlines workflows for solo devs and teams.