

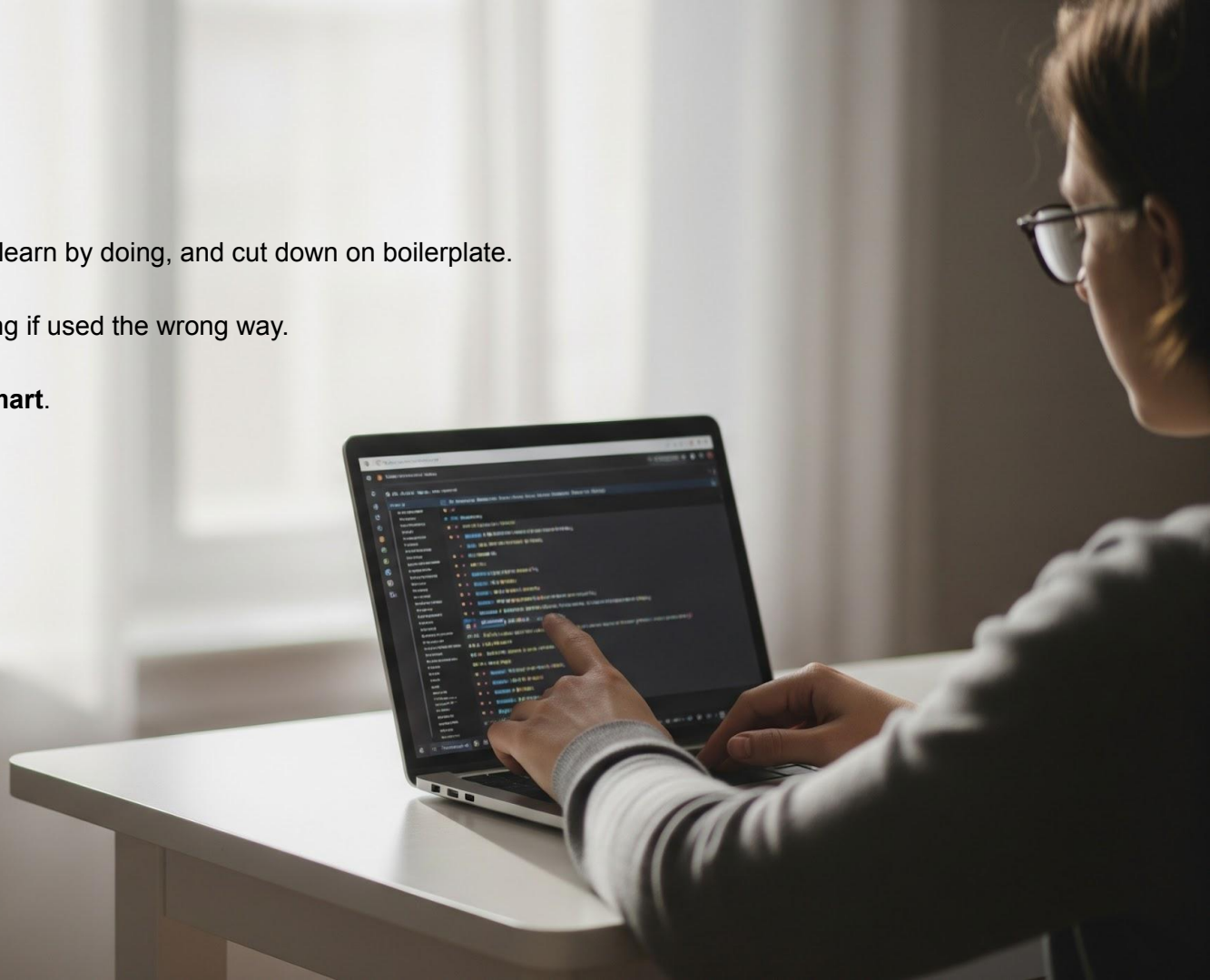
A close-up, shallow depth-of-field photograph of a person's hands typing on a silver laptop keyboard. The person is wearing a dark green long-sleeved shirt. The background is a blurred city skyline with tall buildings under a bright, hazy sky. On the left side of the frame, a portion of a laptop screen is visible, displaying a dark-themed code editor with various colored syntax highlights.

Level Up With Copilot

Supercharging Frontend Development with AI

Why Copilot?

- Copilot helps you **code faster**, learn by doing, and cut down on boilerplate.
- But: it can also hurt your learning if used the wrong way.
- This session = how to **use it smart**.



What Copilot Isn't

- ✗ Not an autopilot
- ✗ Not always right
- ✗ Not a replacement for you
- ✓ Think of it as a **junior pair programmer**. You are still the pilot.

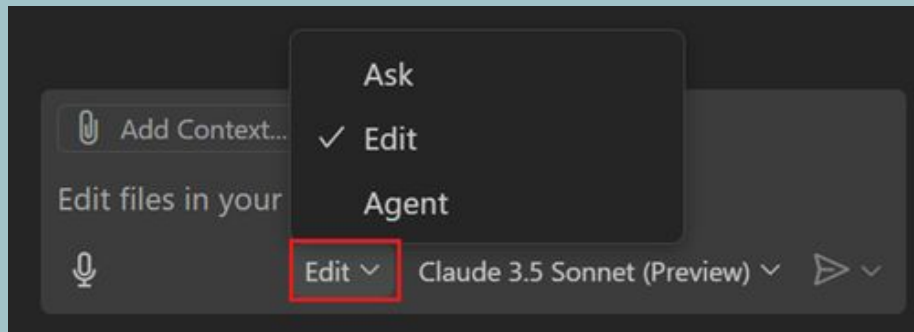


Core Features

 You'll mostly use:

- **Ghost text** (inline suggestions)
- **Copilot Chat** (ask & learn)
- **Edit Mode** (refactor + improve)
 - * Agent Mode = advanced. Skip for now.

```
JS test.js 1 ●
JS test.js > calculateDaysBetweenDates
1  function calculateDaysBetweenDates(begin, end) {
    var beginDate = new Date(begin);
    var endDate = new Date(end);
    var days = Math.round((endDate - beginDate) / (1000 * 60 * 60 * 24));
    return days;
  }
2
```



Demo 1: Writing Code with Copilot



When to Use Copilot

✓ Good for:

- SCSS mixins
- Utility JS functions
- PHP docblocks
- Repetitive patterns

✗ Avoid for:

- Critical security
- Business logic
- Anything you don't understand



How Copilot Helps You Learn

Ask it: “Explain this code.”

Ask it: “Add comments.”

Ask it: “Write a unit test for this.”

🧠 Use it like a **coding tutor**.





Demo 2: Understanding Code



Prompting Tips

Bad:

Fix this

Better:

Refactor this JS to use map() instead of for loop and handle nulls

Prompt recipe:

- Be specific
- Give context
- Tell it what success looks like



Demo 3: Refactoring Code



Golden Rule

● Review. Understand. Own.

- Never commit code you don't understand
- Ask: "Can I explain this to someone else?"
- If not: **don't trust it yet**



Responsible Use

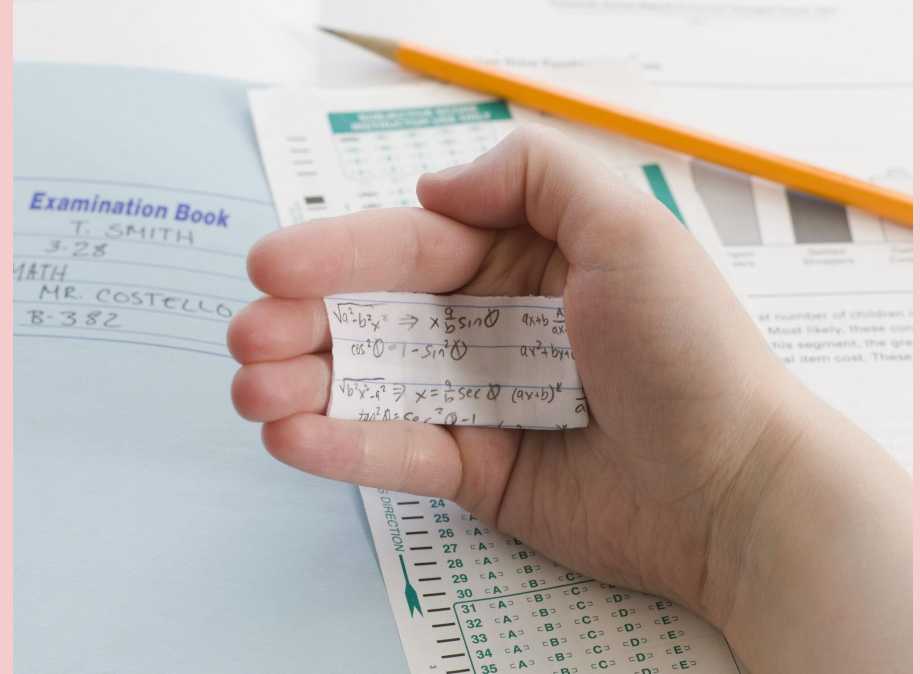
⚠ Copilot is trained on public code.

- It might suggest insecure code
- It might repeat GPL code
 - ✓ Always treat it like a 3rd-party snippet



Quick Cheat Sheet

- Tab = Accept
- Alt +] = Next suggestion
- Ctrl + I = Inline Chat
- /explain, /tests, /doc = useful slash commands



Wrap Up & Q&A

- Copilot helps you **move faster**
- But growth comes from **critical thinking**
- Start slow, learn to prompt, always stay curious

