

# Thoughts on Frontend/Backend

You will need to select which languages/frameworks you want to use

- **NOTE:** Do NOT expose your API keys on the frontend AT ALL. This is a massive security vulnerability. This is why third-party LLM API calls will be made on the backend. Remember, your bank accounts and/or cards are linked to these API keys. Set proper limits and don't expose yourself to bad actors.
- I'll be using TypeScript/Vite for frontend, Flutter for mobile, and Go/Gin for backend in this tutorial. AI-Powered IDEs will be a necessity for the non-coders (even if you know how to code, they boost productivity significantly). Cursor is my go-to.
- Again, code will not be a prominent factor in this course, but I'll give concrete steps for setting up a basic frontend and backend that you can use to iterate on for your project.

# Learn While Building

Don't let AI run rampant in your project

- If you're new to coding, a non-coder, or just working with code patterns you're unfamiliar with, AI can help you learn.
- Vibe-coding is overrated, learn what the AI is writing and why it works. This will help you with troubleshooting later and also let you know what is and isn't possible in your own projects. Don't fall for one-shot app-builder marketing, you should still know the fundamentals.
- In Cursor, instruct your agent to 'Add comments explaining what each line of code is doing in-depth. I'm new to coding and would like to understand what each line is doing.' This simple instruction will help you immensely and also help the AI think critically about the code it's writing. Then it's on you; actually read the comments for better understanding of your system.