Solving Problems with AI

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Be Precise

1. Mention the specific files you want changed / created
2. Include examples of your desired output, especially working sample code
3. Use technical language for technical instructions
4. Include marked up screenshots, if relevant

Be Concise

1. Only include the files you need for the task
2. Restart the convo if approaching the context window
3. Use MCPs only if needed
4. Check if rules files are too verbose

ALWAYS

- ❏ Get first-hand prompting experience
- ❏ Save work often
- ❏ Treat the initial output as a draft

NEVER

- ❏ Overload conversations
- ❏ Submit sensitive data
- ❏ Use untrusted tools

SOMETIMES

- ❏ Use multiple tools and compare their output
- ❏ Plan out your work

SPARframework

STUDY

AI researches + YOU verify
- Use multiple frontier models
- Save output in markdown
- Fact check AI work

PLAN

AI plans + YOU align
- AI makes step-by-step plan
- Assess the plan and align to end goals
- Improve steps that don't make sense

ACT

AI executes + YOU review
- Feed tasks one-by-one
- Review that each output jives with the whole
- Steer AI if it veers off track

REFINE

AI reports + YOU iterate
- Edit manually if needed
- Add automated checks
- Simplify your prompts