

From Prompt to Production

Tricks of the trade to make your team more effective using AI

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About Me

Aloke Desai

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- Founding Engineer
- Previously: Senior Engineer at Google



Current

Development
by hand



Future

Development
by prompt

Trust between developers and AI is decreasing

AI Tool Frustrations

AI solutions that are almost right, but not quite

66%

Debugging AI-generated code is more time-consuming

45.2%

I've become less confident in problem-solving

20%

Hard to understand how code works

16.3%

Source: Stack Overflow 2025 Developer Survey

Avoid Outcome-Based Prompting

Avoid Outcome-Based Prompting

Tell the agent *how* to build something, not just *what* to *build*

Easier to maintain, debug

Encourages learning and understanding of the code instead of vibe coding

Be Specific

The more specific you are, the better the outcomes

What should the data model look like?

What is the api we want?

Where should the code live?

What tests should it write?

Engineers are Responsible for AI-Written Code

Any code should meet the quality bar of handwritten code

It is never an excuse for a bug or poor code quality to say “AI wrote this” – AI is a tool, not a responsible party on our software team

Avoid Outcome-Based Prompting

- Tell the agent **how** to build whatever you want it to build
- Encourage specifics
 - What should the data model look like
 - What is the api we want
 - Where should the code live
 - What tests should it write

Iterate on a Plan

Plan + Iterate with the Agent

Engineers shouldn't fire off a prompt and forget

Iterate with the agent to:

- Understand the problem
- Create a plan for how to tackle the problem
- Improve the plan as the agent starts working

Use AI to Understand Code

AI to Understand Code

“LLMs are staff engineers at understanding code”

Fastest and easiest ways to make your team more productive + improve AI adoptions

How to get started

- Test it out, starting with easy tasks
- Explore different tools
- Document and share learnings

Thanks!

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