CARISMA SOLUTIONS

An Xcelerate Venture

Tech Training

Session 1

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An Xcelerate Venture

2026

Vibe Coding Best Practices

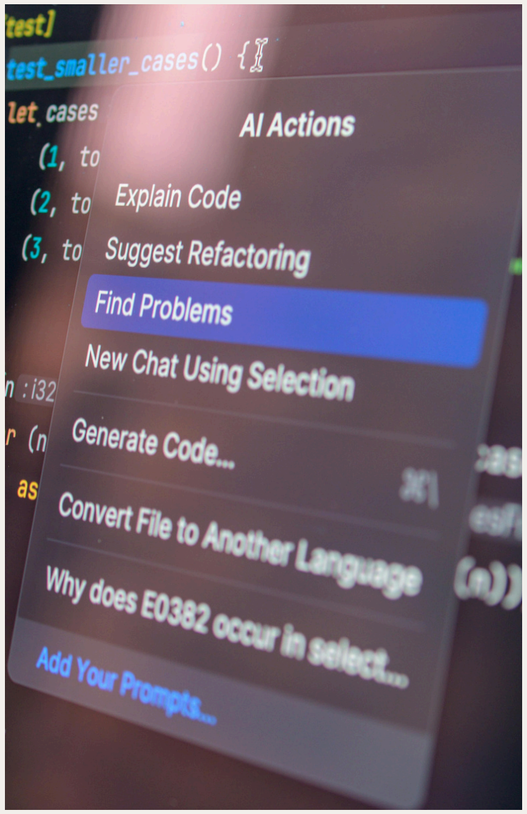
Leveraging AI Assistance for Project Development

Version 1.0

Last updated 20-05-2026

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Carisma Solutions

We are going to focus on



AI Assistance

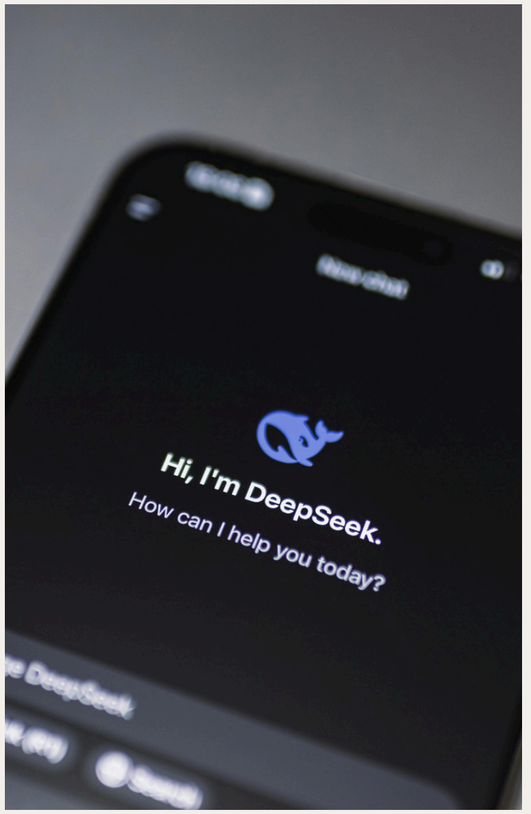
Types of services we can get from AI assistants

Claude

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AI Tools

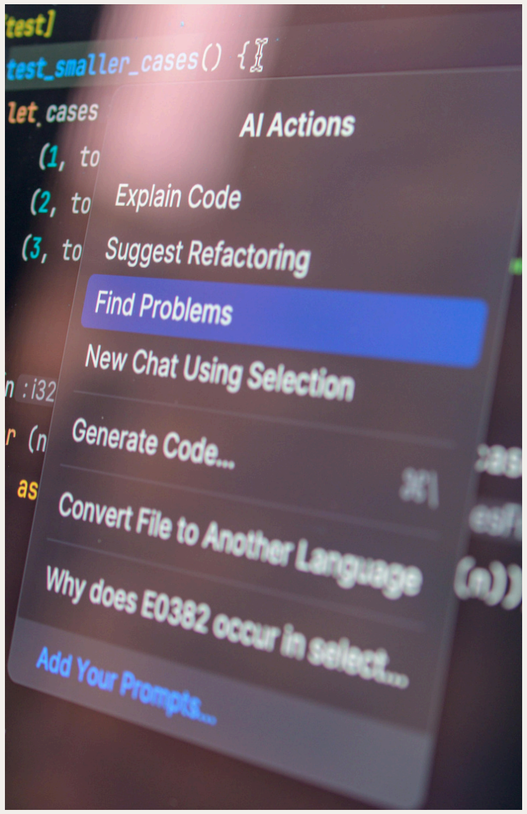
Difference tools available that provides AI assistance



Optimizing Costs

Improving efficiency with low costs and reliable output

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AI Assistance

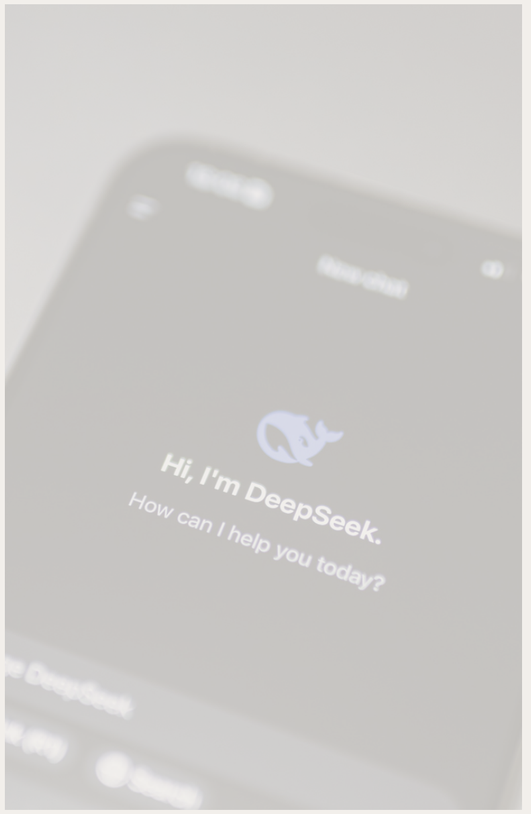
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Project Planning

Plan and scaffold new projects with help of AI.



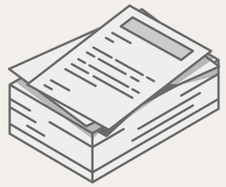
Code Generation

Generate code for modules, components.



Bug Fixing

Fix complex bugs and solve advanced problems.



Documentation

Generate documentation for the projects using AI.

Project Planning

AI can be helpful in planning and scaffolding your project based on business requirements. When planning be sure to:

1 **Give core business requirements**

Providing vital business requirements helps AI to visualize bigger picture and avoid any future issues.

2 **Be clear and concise on features**

Give a clear list of features required for the business requirements. Do not over explain.

3 **Be familiar with modern tech stacks**

Knowledge about tech stacks must be required beforehand to understand what AI is proposing.

4 **Use wiki folder inside project workspace**

Wiki helps AI to keep a local knowledge base and understand project over the period of development.

5 **Ask AI to generate implementation plan**

Implementation plan will help developers to track how well AI understood about the requirements.

Code Generation

AI can generate any code in any programming language for any requirement. Best practices to maintain during code generation are:

- Always use git
- Ask AI for plan
- Read what AI says
- Ask to update wiki
- ! Auto edit permission



Bug Fixing

AI can fix bugs and solve complex problems.
But also AI have the destructive ability.
These practices will help avoid problems while fixing bugs:

- Be clear on what needs to be fixed
- Include console logs
- Map related files with line numbers
- Commit before fixing bugs
- ! Auto edit permission



Documentation

Technical Documenation

This documentation helps other developers and stakeholders understand technical complexity of the project.

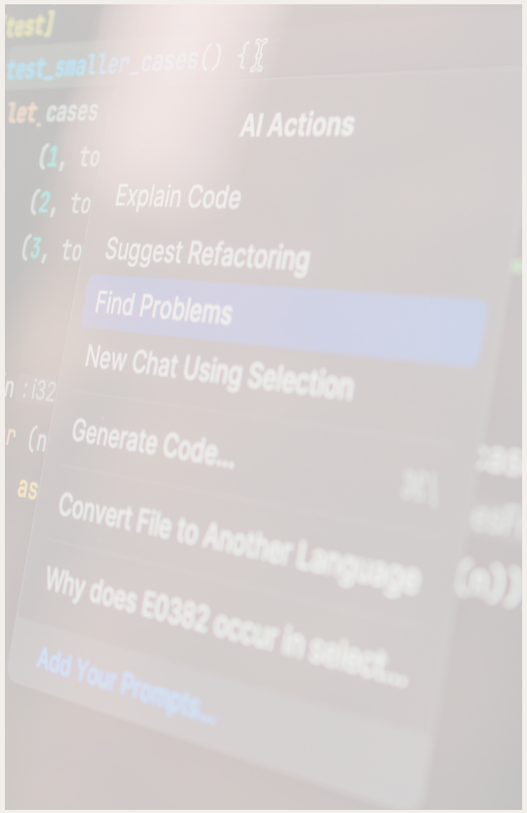
Project Documentation

Project documentation helps managers and stakeholders to understand the business aspects of the project.

Historical Documentation

This documentation helps to understand the journey the project went through over the period of development and maintenance.

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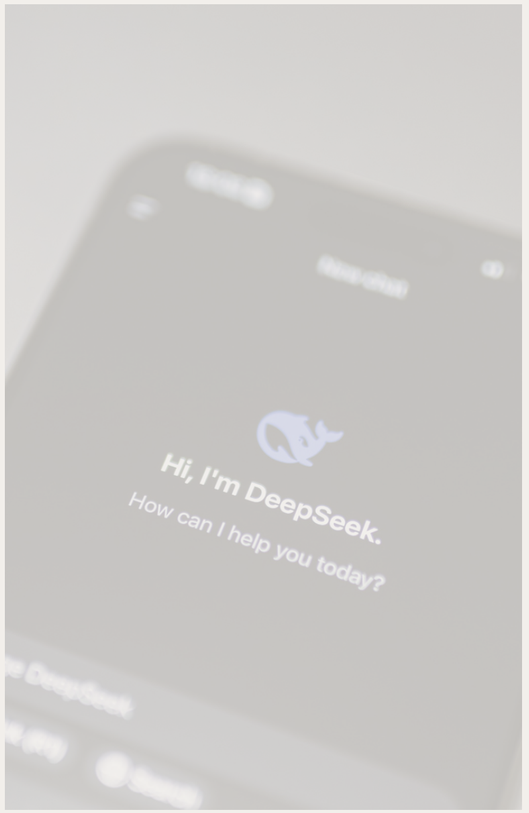
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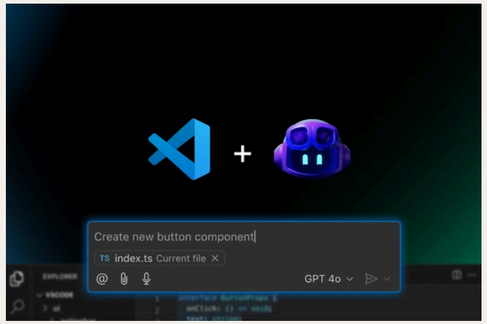


Optimizing Costs

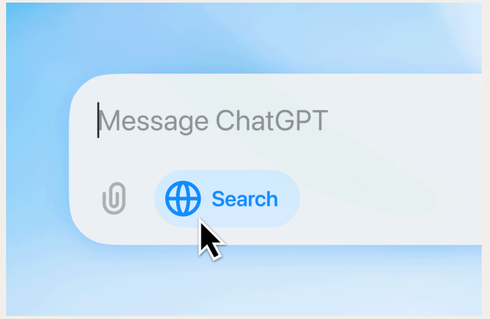
Improving efficiency with low costs and reliable output

AI Tools

These tools helps developers to accomplish tasks and goals.



Code Editor Plugins



Agentic Chat Apps



Command Line Tools

Code Editor Plugins



Gemini Code Assist



Claude Code



Codex ChatGPT



Github Copilot



Antigravity Google

Agentic Chat Apps



Antigravity



Claude Code



Codex

Command Line Tools



Gemini CLI

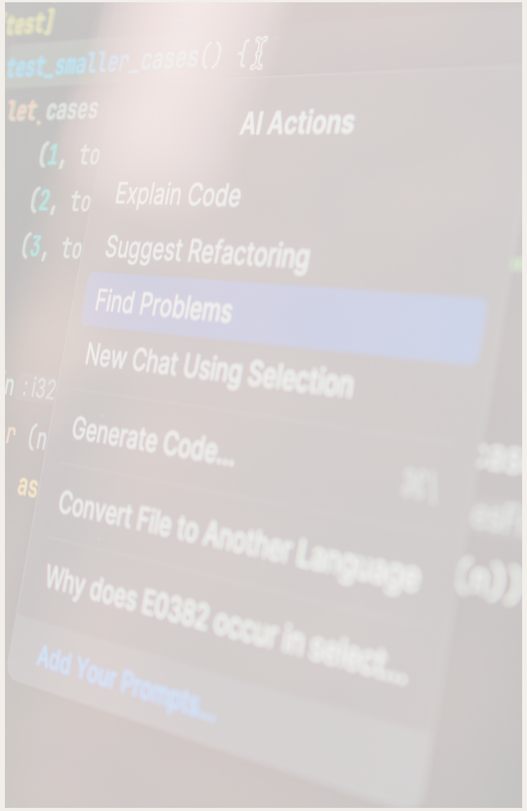


Claude Code CLI



Codex CLI

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AI Assistance

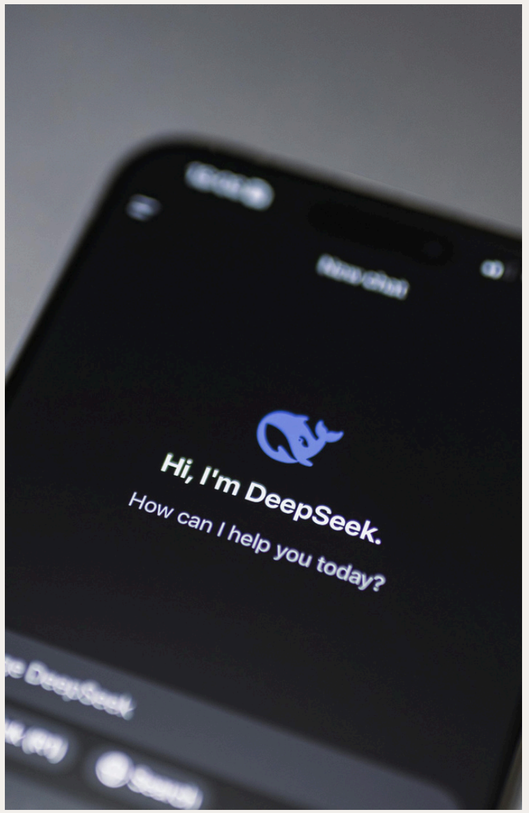
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Optimizing Costs

Tokens	Daily Limits	Weekly Limits	Context Limits	Throughputs
Words to tokens	Resets every 5 hrs	Resets every week	Input token and Output token limits	Input to Output efficiency

Note:

Every AI services has its own limits and it is subject to change based on vendor policies.

The End.

The first key to wisdom is assiduous and frequent questioning ...

- Pierre Abelard

Host

Mohamed Matheen

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