SHOW NOTES

@mjkabir Notes



https://shownotes.app/show/sjkgt

Write Faster and Hopefully Better Code with AI Tools

Software developers are adopting more and more LLM and other LLM-powered third-party tools and copilots to help them with mundane and or routine programming tasks like generating generic code snippets to code documentation to even test code or documentation. This speeds up development, QA/QC and acceptance and so there is a lot of AI tools in the market.

I use LLMs like ChatGPT directy and do not use copilots yet so I decided to research the new and trendy tools and see what the hype is all about. First step is to compile a list of them and then try them out. I am sharing my research so you can save some time and

Be aware that I haven't used these tools yet but compiling a list from various sources.

TABLE OF CONTENTS

- 1. CodeWP.ai Streamlining WordPress Development with Accurate Code Examples
- 2. AI2SQL.io Transforming Natural Language to SQL Queries with AI
- 3. PrismaAssistant Enhancing Developer Productivity
- 4. ReactAgent.io Accelerating React Development with an AI-Powered Assistant
- 5. Codium Al-Powered Code Analysis Tools
- 6. GitHub Copilot AI-Powered Coding Assistant for Enhanced Developer Productivity
- 7. Supermaven Streamlining AI Training with an All-In-One Platform
- 8. code2prompt CLI tool that converts code into a single LLM prompt
- 9. OpenDevin a platform for autonomous software engineers, powered by Al and LLMs.
- 10. Devika Agentic Al Software Engineer
- 11. Amazon Q Developer
- 12. Article on Al Code Tool Market



AI REVIEW PASSED.

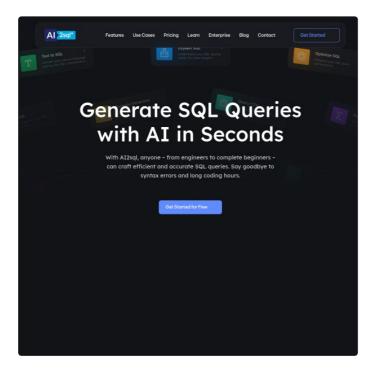


CodeWP.ai - Streamlining WordPress Development with Accurate Code Examples

CodeWP.ai is a platform offering concise and accurate WordPress code examples to help entry-level developers and senior software engineers efficiently build and enhance WordPress websites. 445 days 3 hrs ago

Website:

https://codewp.ai/

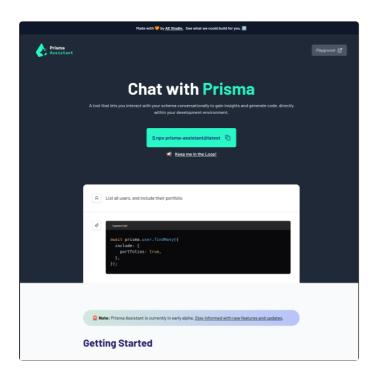


AI2SQL.io - Transforming Natural Language to SQL Queries with AI

AI2SQL.io is an AI-powered tool that simplifies database management by converting natural language questions into SQL queries, enabling entry-level developers and senior software engineers to streamline data retrieval and analysis.

445 days 3 hrs ago Website:

https://ai2sql.io/



PrismaAssistant - Enhancing Developer Productivity

PrismaAssistant.com offers an AI-driven tool designed to boost the productivity of entry-level developers and senior software engineers by generating code, explaining queries, and providing documentation within the Prisma ecosystem.

445 days 3 hrs ago

Website: https://prismaassistant.com/



ReactAgent.io - Accelerating React Development with an Al-Powered Assistant

ReactAgent.io provides an Al-driven tool to streamline React development for entry-level developers and senior software engineers, offering features like code generation, error detection, and performance optimization.

445 days 3 hrs ago

Website: https://reactagent.io/



Codium - AI-Powered Code Analysis Tools

Codium.ai offers AI-driven code analysis tools to help entry-level developers and senior software engineers write better, more secure code. With features like test generation, code explanation, and documentation, Codium.ai streamlines the development workflow and enhances code quality. 445 days 3 hrs ago

Website:

https://www.codium.ai/

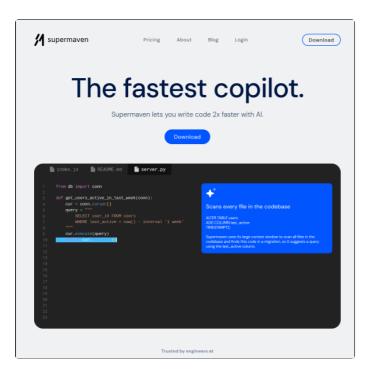
Join us for the 10th anniversary of	GitHub Universe. <u>Get tickets now for 35% off, only until July 8.</u> X
Product Solutions Open Source Enterprise	Pricing Q Search or jump to Sign in Sign up
Features Copilot Security Code review Search liss	ues Actions Packages Codespaces Discussions
(a c	pliot Enterprise now available
adopted A	d's most widely I developer tool. httarted with Cepilot >
OFFICE COPILOT: CHAT	♦ parse_expenses.py X Ø addresses.rb × ■ sentiments.ts ×
C Citruce Copilion	1 import datetime 2
Hi @monalisa, how can I hulp you? I'm powered by AI, so surprises and mistakes are possible. Make sure to warly any generated code or suggestions, and share feedback so that we can been and improve.	
G	с. С н н н н н н н н н н н н н

GitHub Copilot - AI-Powered Coding Assistant for Enhanced Developer Productivity

GitHub Copilot is an Al-driven coding assistant integrated into the GitHub ecosystem, enabling entrylevel developers and senior software engineers to boost their coding efficiency by providing real-time code suggestions and autocompletion features within their preferred development environment. 445 days 3 hrs ago

Website:

https://github.com/features/copilot



Supermaven - Streamlining AI Training with an All-In-One Platform

Supermaven.com offers an all-in-one platform for entry-level developers and senior software engineers to build and deploy AI models effortlessly. With features like data preparation, model training, and deployment, Supermaven.com simplifies the entire AI development lifecycle, empowering users to create powerful AI solutions with ease.

<u>Supermaven</u> has ttwo main innovations. The first is their 300,000 token context window, which is by far the largest option on the market (for comparison, <u>Copilot's is 8,192</u>). This means that it can better understand your codebase, and thus produce better results. The second is that because of their custom model architecture (they don't use a transformer), they are able to generate code 3x faster than Copilot and 7.5x faster than Cursor. The result is a tool from a small startup that is legitimately competing with Unicorns.

445 days 3 hrs ago

Website:

https://supermaven.com/

> Code	💿 Actions 🗄 Projects 💿 Security 🗠 Insig	hts	
P main → P 1 Branch ◎2 Tags	Q Go to file	O Code +	About
noczero feat: implement github pull reque	est description prompt generator (#22) 89/30d2 · 4 days ago	🕙 58 Commits	A CLI tool to convert your codebase into a single LLM prompt with source
assets	Upload screenshot	3 months ago	tree, prompt templating, and token counting.
github/workflows	add prerequisite deps install to workiflow	2 months ago	rust cli ai command-line
src	feat: implement github pull request description pr	4 days ago	prompt prompt-toolkit command-line-tool gpt claude liv
🖿 templates	feat: implement github pull request description pr	4 days ago	prompt-engineering prompt-generator
tests	feat: implement github pull request description pr	4 days ago	chatgpt
🗅 .gitignore	Initial commit	3 months ago	[] Readme
Cargo.tomi	Major Refactor and New Features: Modularization,	last month	▲ MIT license ・ Activity
🗅 LICENSE	Initial commit	3 months ago	☆ 851 stars
README.md	feat: implement github pull request description pr	4 days ago	 9 watching 9 54 forks
🛙 README 🔌 MIT license		=	Report repository
code2prompt			Releases 2 v1.1.0 (Latest) on Apr 15 + 1 release
	zsh		Packages
tizak X +			No packages published

code2prompt - CLI tool that converts code into a single LLM prompt

code2prompt is a command-line tool (CLI) that converts your codebase into a single LLM prompt with a source tree, prompt templating, and token counting.

Code2Prompt is a Python tool designed to help entry-level developers and senior software engineers optimize their use of AI code assistants like GitHub Copilot. By generating accurate prompts and assessing output, Code2Prompt enables users to fine-tune their code generation process for more reliable and efficient results.

One of the weaknesses of regular chatbots is that they don't integrate with your codebase. So, Code2Prompt converts your entire codebase into a single prompt that LLMs can easily understand. You can then upload this prompt to a chatbot like ChatGPT or Claude and work with it there. Basically, it turns chatbots like ChatGPT into copilots.

445 days 2 hrs ago

Website:

https://github.com/mufeedvh/code2prompt?tab=readme-ov-file#features

Product ~ Solutions ~ Open Sou	rce v Enterprise v Pricing	Search or jump to	Sign in Sign
OpenDevin / OpenDevin (Public)		D Notifications	¥ Fork 3.2k ☆ Star 27.9k -
Code 🕑 Issues 145 👫 Pull reque	sts 🐲 🖓 Discussions 💿 Actions 🖽 Project	ts 1 💿 Security	🗠 Insights
a main 🔹 💱 59 Branches 🛇 11 Tags	Q, Go to file	↔ Code +	About
3 people feat(frontend): Add "Copy" Bu	tton to Chat Messages 🚥 🗸 c99b94d - 1 hour ago	🕲 1,162 Commits	OpenDevin: Code Less, Make Mor opendevin.github.io/OpenDevin/
github	feat: update version to 0.6.2. added Action to upda	14 hours ago	agent artificial-intelligence Im
agenthub	Tweak prompts of ManagerAgent and CommitWrit	yesterday	Readme
containers	No longer chown -R the miniforge3 folder (#2566)	4 days ago	MIT license
dev_config/python	Add ruff for shared mutable defaults (B) (#1938)	last month	 Code of conduct Activity
docs	Add i18n support for official website (#2463)	2 days ago	 Activity Custom properties
evaluation	update swe-bench output with eval results (#2606)	yesterday	☆ 27.9k stars
frontend	feat(frontend): Add "Copy" Button to Chat Messag	1 hour ago	 ② 287 watching ☑ 3.2k forks
opendevin	Bug fix: add error observation to history (#2610)	2 hours ago	Report repository
tests	Bug fix: add error observation to history (#2610)	2 hours ago	Releases 2
dockerignore	Revamp docker build process (#1121)	2 months ago	© 0.6.2 (Latest)
gitattributes	lint: simplify hooks already covered by Ruff (#1204)	2 months ago	3 weeks ago
3 .gitignore	Make plugins sandbox-agnostic (#2101)	5 days ago	+ 1 release
CODE_OF_CONDUCT.md	Rename CodeOfConduct.md to CODE_OF_CONDU	last month	Packages 3
CONTRIBUTING.md	docs: Fix formatting in CONTRIBUTING (#2526)	last week	@ sandbox
Development.md	Remove PERSIST_SANDBOX=true option (#2591)	3 days ago	Ø opendevin Ø eval-swe-bench
D LICENSE	Create MIT LICENSE (#8)	3 months ago	
🗅 Makefile	Default makefile for persist_sandbox to be false (#	2 days ago	Contributors 153
README.md	Remove PERSIST_SANDBOX-true option (#2591)	3 days ago	🕲 🗖 🕲 🤹 🧶 🐑
D poetry.lock	chore(deps): bump litelim from 1.40.20 to 1.40.25 (14 hours ago	S 🕐 🖤 💿 🚸 🔇 🚱
pydoc-markdown.yml	docs(docs): start implementing docs website (#1372)) 2 months ago	+ 139 contributors
pyproject.toml	feat: update version to 0.6.2. added Action to upda	14 hours ago	Languages
🗅 pytest.ini	Refactor integration test framework and relieve th	last month	

OpenDevin - a platform for autonomous software engineers, powered by AI and LLMs.

OpenDevin agents collaborate with human developers to write code, fix bugs, and ship features. 445 days 2 hrs ago

Website:

https://github.com/OpenDevin/OpenDevin

sights boot wikk is an Agentic AI Software ngineer that can understand high- velvalman instructions, break them wan into steps, research relevant. formation, and write code to active code to active the code to active the optime objective. Devika aims to b monthly Cognition AL.] neatme a MIT leanse b Attribuy
verka is an Agentic Al Software ngineer that can understand high- vel human instructions, break there zwe into steps, research relevant. formation, and write code to achieve the given objective. Devika aims to b ompetitive open-acource alternative evin by Cognition AL.] ineatme b MIT locense Achimy
gjener that can understand high- vel human instructions, break them wan into steps, research relevant formation, and write code to achie le given objective. Devilsa aims to be ompetitive open-source alternative evin by Cognition AL 1 Readme 4 Achimy
own into steps, research relevant formation, and write code to achies the given objective. Devika alimis to b sompetitive open-source alternative te evin by Cognition AL. 1 Readme b AttTicense - Activity
e given objective. Devika aims to be mpetitive open-source alternative : evin by Cognition AI.) Readme > MTF Scense - Activity
evin by Cognition AL evin by Cognition AL] Readme 5 MIT license - Activity
) Readme MIT license - Activity
MIT license - Activity
Custom properties
204 watching
2.3k forks
participation
eleases
o releases published
ackages
packages published
ontributors 43
b 🐵 🕋 🕲 🕵 🕀 🕞
h 🛱 🙆 🗑 🙆 🗑 🧌
29 contributors
anguages

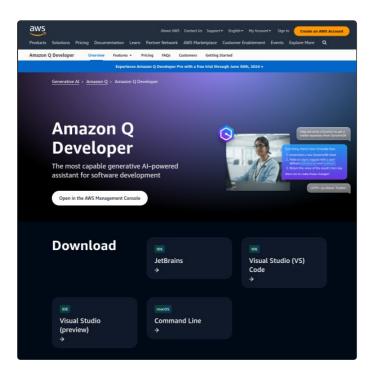
Devika - Agentic Al Software Engineer

This project is currently in a very early development/experimental stage. There are a lot of unimplemented/broken features at the moment. Contributions are welcome to help out with the progress!

445 days 2 hrs ago

Website:

https://github.com/stitionai/devika



Amazon Q Developer

Amazon claims Amazon Q Developer is the most capable generative Al–powered assistant for software development!

445 days 2 hrs ago Website: https://aws.amazon.com/q/developer/



Article on AI Code Tool Market

The AI coding tool market is projected to grow to \$12.6B by 2028!

445 days 2 hrs ago

Website:

https://www.marketsandmarkets.com/Market-Reports/ai-code-tools-market-239940941.html