

@mjkabir Notes



<https://shownotes.app/show/sjkg>

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 directly 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

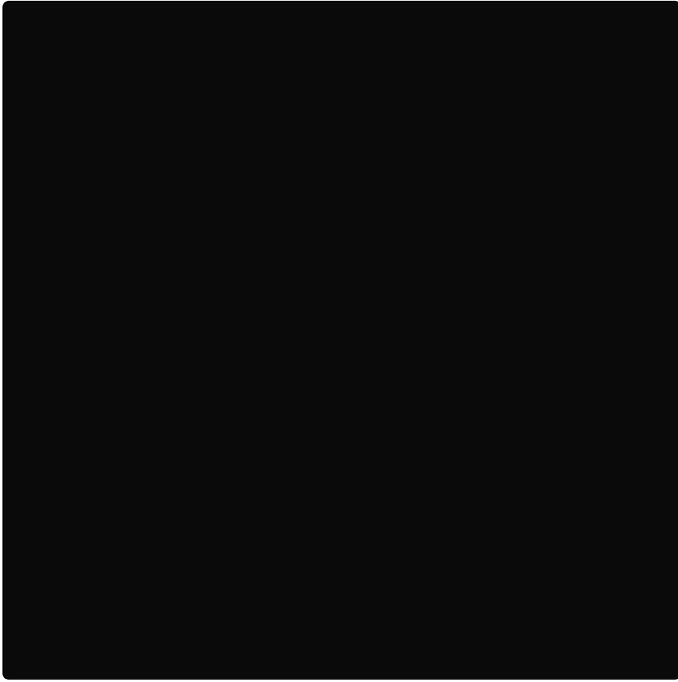
Be aware that I haven't used these tools yet but compiling a list from various sources.

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AI REVIEW PASSED.



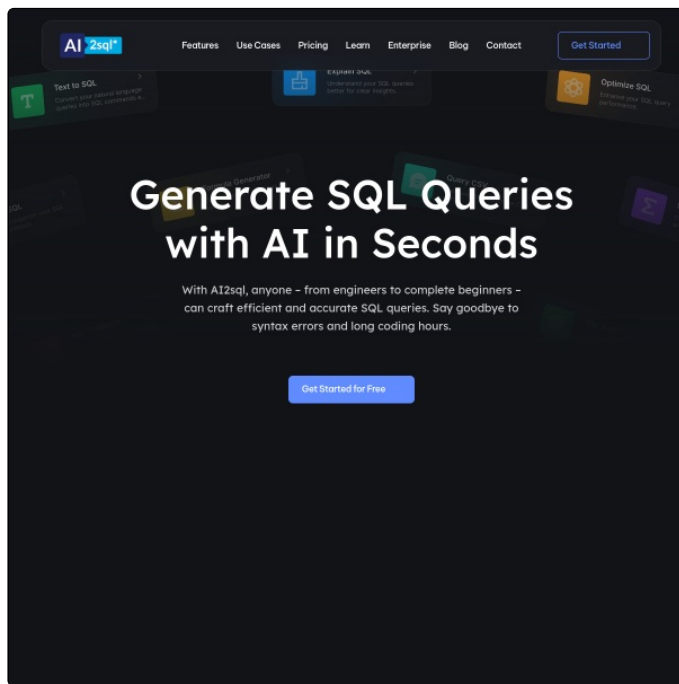
CodeWP.ai - Streamlining WordPress Development with Accurate Code Examples

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.

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Website:

<https://codewp.ai/>



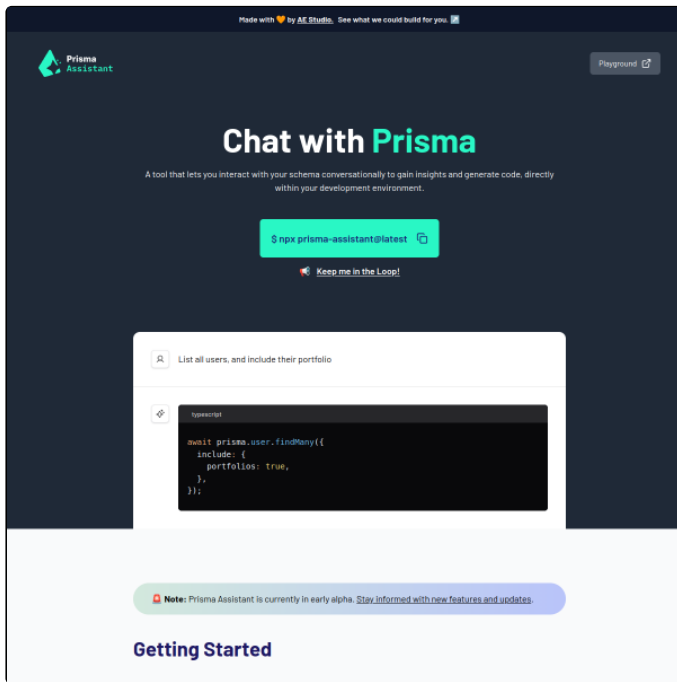
AI2SQL.io – Transforming Natural Language to SQL Queries with AI

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.

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Website:

<https://ai2sql.io/>



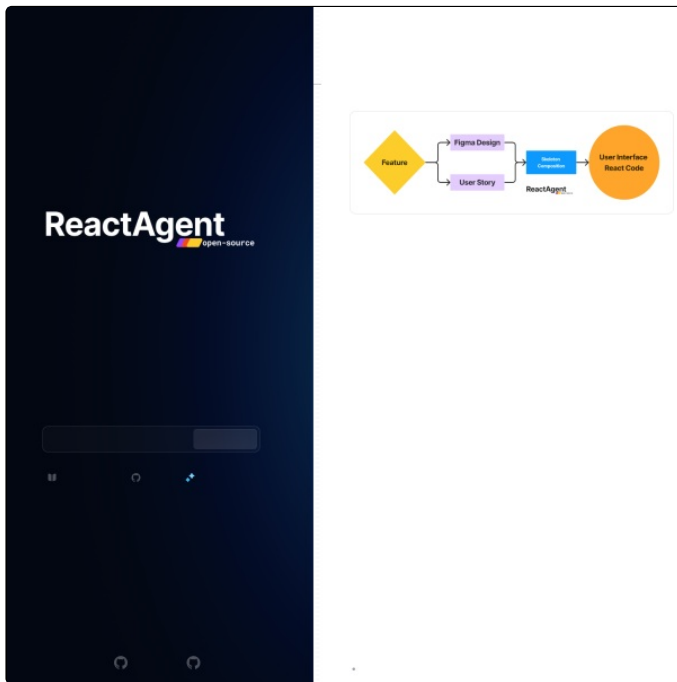
PrismaAssistant – Enhancing Developer Productivity

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.

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Website:

<https://prismaassistant.com/>



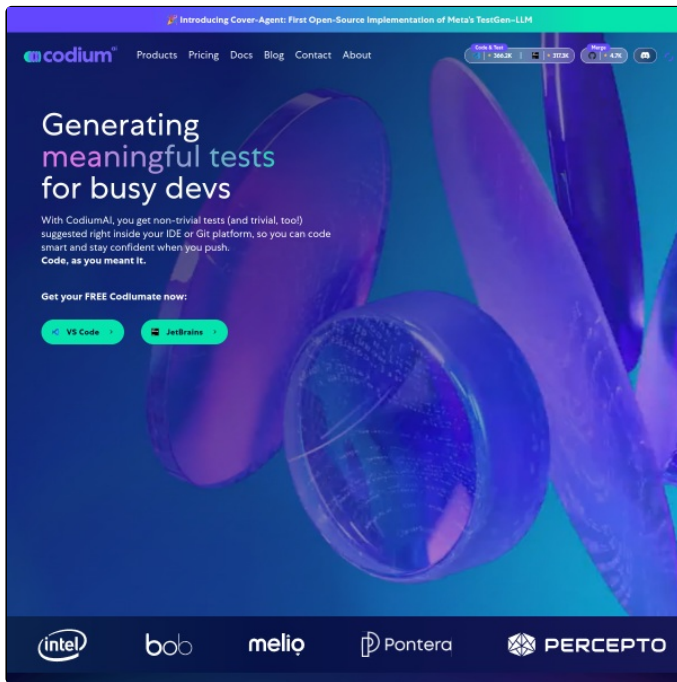
ReactAgent.io – Accelerating React Development with an AI-Powered Assistant

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

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Website:

<https://reactagent.io/>



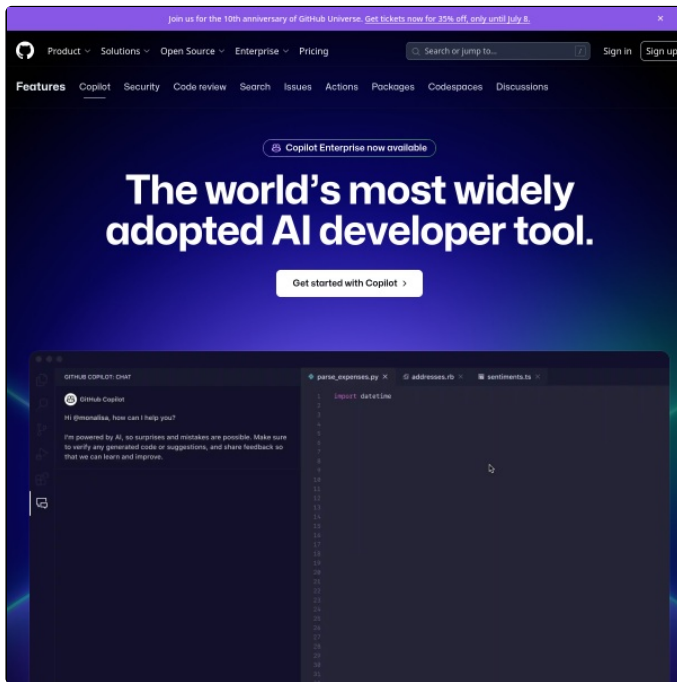
Codium - AI-Powered Code Analysis Tools

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.

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Website:

<https://www.codium.ai/>



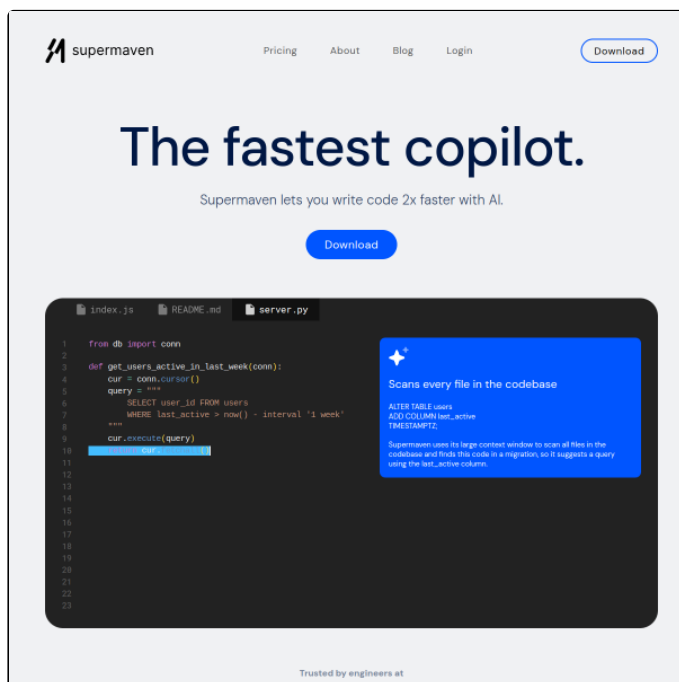
GitHub Copilot - AI-Powered Coding Assistant for Enhanced Developer Productivity

GitHub Copilot is an AI-driven coding assistant integrated into the GitHub ecosystem, enabling entry-level developers and senior software engineers to boost their coding efficiency by providing real-time code suggestions and autocompletion features within their preferred development environment.

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Website:

<https://github.com/features/copilot>



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

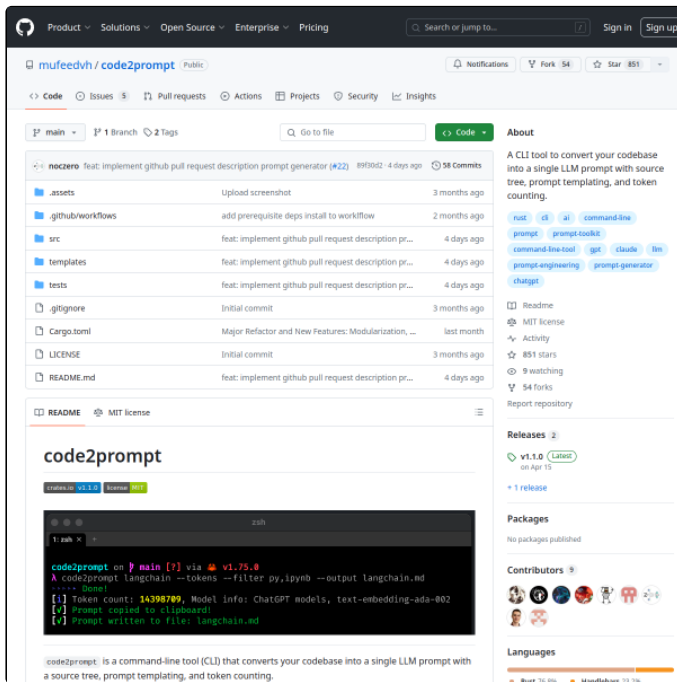
Supermaven.com offers an all-in-one platform for entry-level developers and senior software engineers to build and deploy AI models effortlessly. With features like data preparation, model training, and deployment, Supermaven.com simplifies the entire AI development lifecycle, empowering users to create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

Supermaven has two main innovations. The first is their 300,000 token context window, which is by far the largest option on the market (for comparison, Copilot's is 8,192). 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.

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Website:

<https://supermaven.com/>



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.

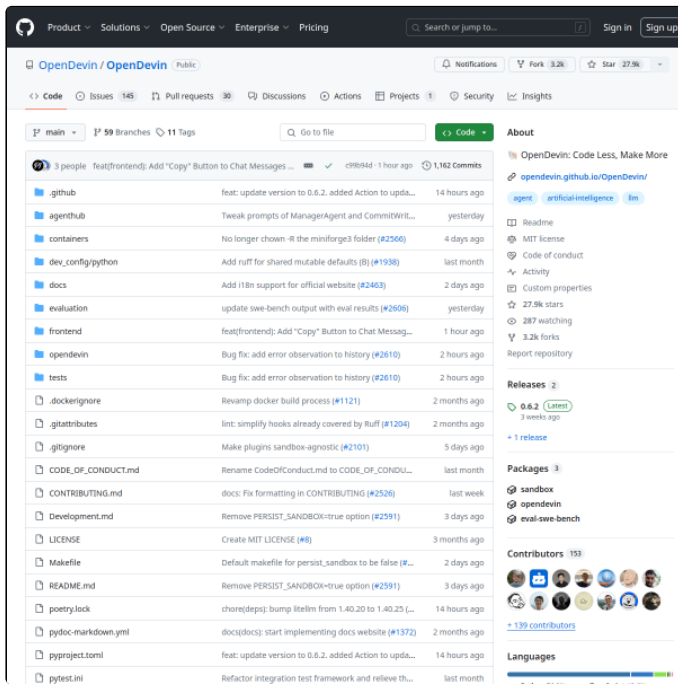
Code2Prompt is a Python tool designed to help entry-level developers and senior software engineers optimize their use of AI code assistants like GitHub Copilot. By generating accurate prompts and assessing output, Code2Prompt enables users to fine-tune their code generation process for more reliable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

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Website:

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



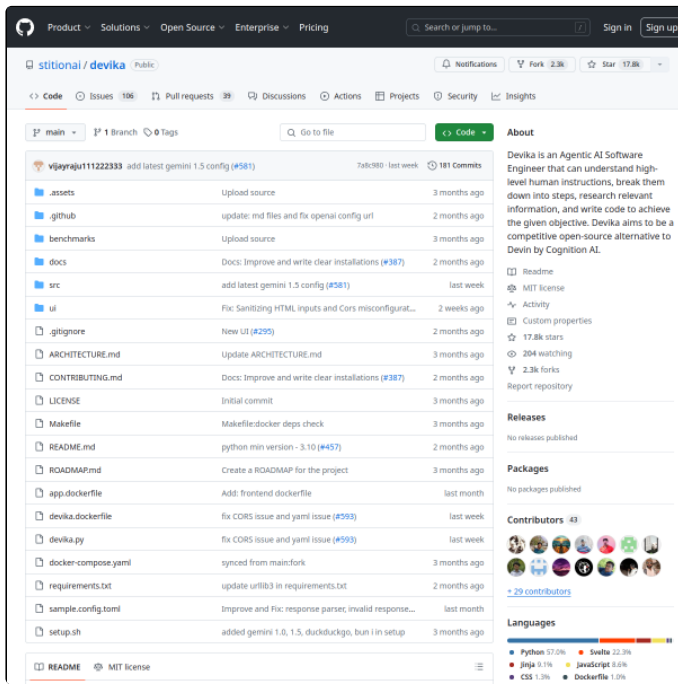
OpenDevin – a platform for autonomous software engineers, powered by AI and LLMs.

OpenDevin agents collaborate with human developers to write code, fix bugs, and ship features.

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Website:

<https://github.com/OpenDevin/OpenDevin>



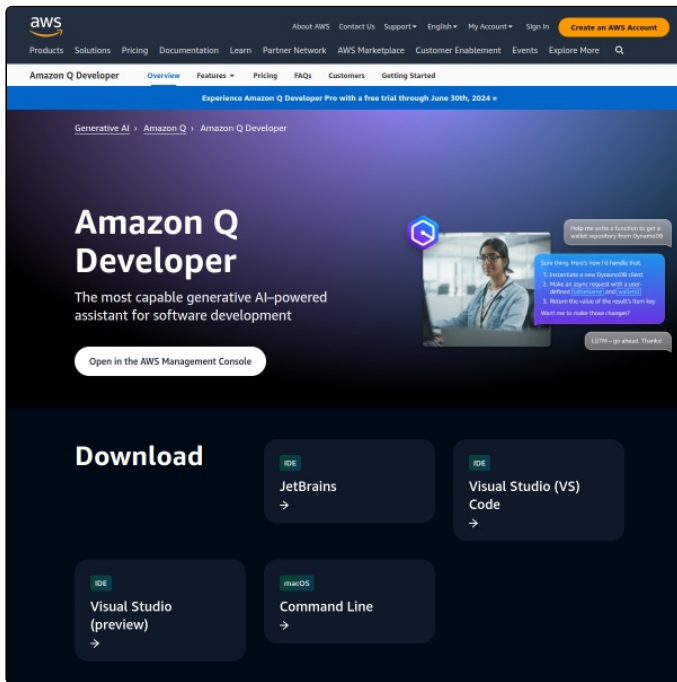
Devika – Agentic AI Software Engineer

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!

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Website:

<https://github.com/stitionai/devika>



Amazon Q Developer

Amazon claims Amazon Q Developer is the most capable generative AI-powered assistant for software development!

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Website:

<https://aws.amazon.com/q/developer/>

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AI Code Tools Market by Offering (Tools (Deployment Mode) and Services), Technology (ML, NLP, Generative AI), Application (Data Science & Machine Learning, Cloud Services & DevOps, Web Development), Vertical and Region - Global Forecast to 2028

DESCRIPTION TABLE OF CONTENTS METHODOLOGY **DOWNLOAD PDF**

The global market for AI Code Tools Market is projected to grow from USD 4.3 billion in 2022 to USD 12.6 billion by 2028, at a CAGR of 24.0% during the forecast period. The AI code tools market is fueled by several key factors, including rapid advancements in generative AI is revolutionizing software development. These tools are instrumental in enhancing efficiency and productivity for developers, as they address the challenges of handling intricate coding tasks. The need to assist developers in tackling complex coding tasks and enhance scalability and transformative shift in the roles of software developers propels the AI code tools market.

AI CODE TOOLS MARKET GLOBAL FORECAST TO 2028 (USD BILLION)

CAGR OF **24.0%**

The global AI code tools market is expected to be worth USD 12.6 billion by 2028, growing at a CAGR of 24.0% during the forecast period.

2022 2023 2028

North America Europe Asia Pacific Middle East & Africa

To know about the assumptions considered for the study, [Request for Free Sample Report](#)

ATTRACTIVE OPPORTUNITIES IN THE AI CODE TOOLS MARKET

The growing application of generative AI in areas such as research, marketing, IT

AI code tools enable the creation of innovative and

Acquisitions and mergers would offer lucrative

REPORT CODE: TC 8823
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Article on AI Code Tool Market

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

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Website:

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