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Coding Beauty

★ Member-only story

Google just confirmed the AI reality many programmers are desperately trying to deny

Tari Ibaba

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4 min read · Feb 20, 2025

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319

https://medium.com/coding-beauty/ai-writes-google-codebase-00e6ad35ac7c

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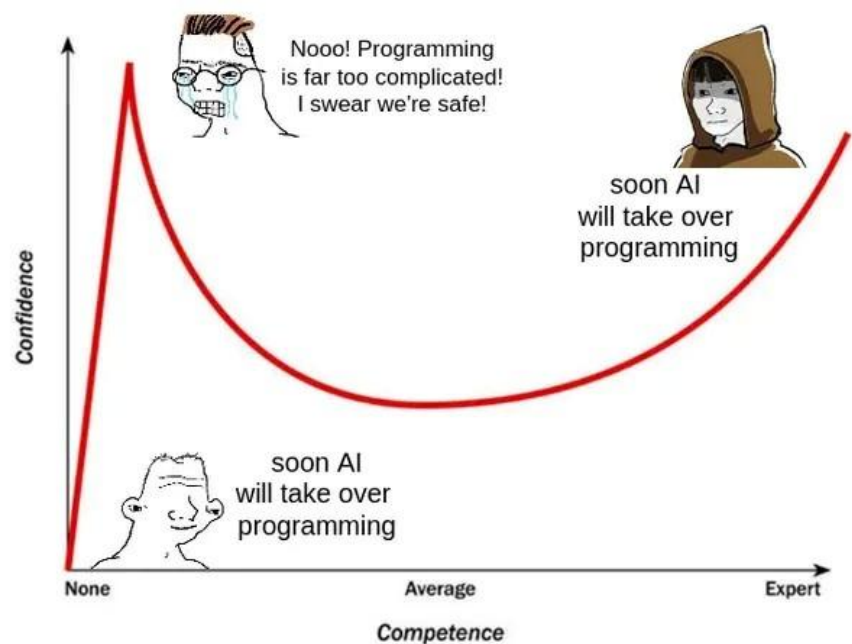
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AI is slowly taking over coding but many programmers are still sticking their head in the sand about what's coming...

Now Google's Chief Scientist just made a telling revelation: AI now generates at least 25% of their code.

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Can you see — it's happening now at
software



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top

companies with billions of active lines of code.

All these people still acting like AI-assisted coding is just a gimmick that nobody actually uses in production.

Some people in my comment sections even said that using AI tools don't make you more productive...

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Like come on — I thought we all agreed GitHub Copilot was a smash. The over 1.3 million paying users they had this time last year wasn't enough proof?

In case you don't know, software developers are not a very easy group of people to monetize — your tool must be really something to have over 1.3 million of them pay for it.

And even if most of these are from businesses, something tells me not every developer tool can get anywhere close to these numbers from B2B.

I remember the first time I used Copilot. Mhmm nice tool, pretty decent suggestions, not bad...

Only like a few days later when I had to code without it from connection issues — that's when I realized just how much I'd already started depending on this tool. I was already getting used to the higher quality of life and I wasn't even fully aware.

That Tab key for accepting completions — which key did I even press more between Tab and semicolon.

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- Type 48 characters — Enter
- Type 60 characters — Enter
- Type 55 characters — Enter

After:

- Type 9 characters — Tab — Enter
- Type 2 characters — Tab — Enter •

Tab — Enter

The quality of life difference was undeniable. The productivity difference was undeniable.

And one thing this shows you or reminds you — that programming has always been an act of thinking, not

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typing.

It's always been the thinking part that took most of the time — the higher level system planning and designing, the lower level algorithms and design patterns.

The typing has always been straightforward. And pretty mundane actually.

Copilot isn't just a code completion tool, it's a thought predicting tool.

It's not just about helping you code faster, it's about knowing what you're thinking and eliminating the gap between that thought and its actualization in the real world. Pressing Tab instead of dozens of characters.

It's been so useful and this is just at the lower line-by-line level — predicting your thoughts for what each line should be.

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Now we are having tools like Supercomplete predicting your intent across entire files, making things even easier.

```
1 from datetime import datetime
2 import re
3 from sqlalchemy import Column, String, DateTime
4 from sqlalchemy.ext.declarative import declarative_base
5 from sqlalchemy.orm import validates
6 import uuid
7
8 from models.metadata import MetaDataSingleton
9
10 Base = declarative_base(metadata=MetaDataSingleton())
11
12
13 class ContactForm(Base):
14     __tablename__ = "contact_form"
15
16     name = Column(String(50), nullable=False)
17     email = Column(String(120), nullable=False)
18
19     def to_json(self):
20         return {
21             "name": self.name,
22             "email": self.email,
23         }
24
```

Cursor Compose and Windsurf Cascade bringing your thoughts to life across several files in your codebase.

And there are increasingly magnifying the impact and value of those thoughts.

Let's say you want to add a searching feature to your web app.

Copilot could give you completions for each line of the UI components + event handler definition and the search algorithm or external libraries you decide to use.

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Supercomplete could automatically create an empty event handler for you to start writing the definition.

But with the agentic tools you could just say, “add a search feature to the app”, and it could handle everything — all the above — including NPM library installations.

How long until you can literally say, “build and deploy an e-commerce app...” and that’ll be all it takes?

Imagine you give such a vague description of what you want and then the AI autonomously asks you questions to get the specific requirements and avoid all ambiguity.

It seems more and more like a matter of when, not if.

But if you’re one of those who keep pretending that AI tools aren’t totally changing the game in software development, you’re only to find yourself completely left behind.

Every Crazy Thing JavaScript Does

Just when you thought you knew all the quirks.

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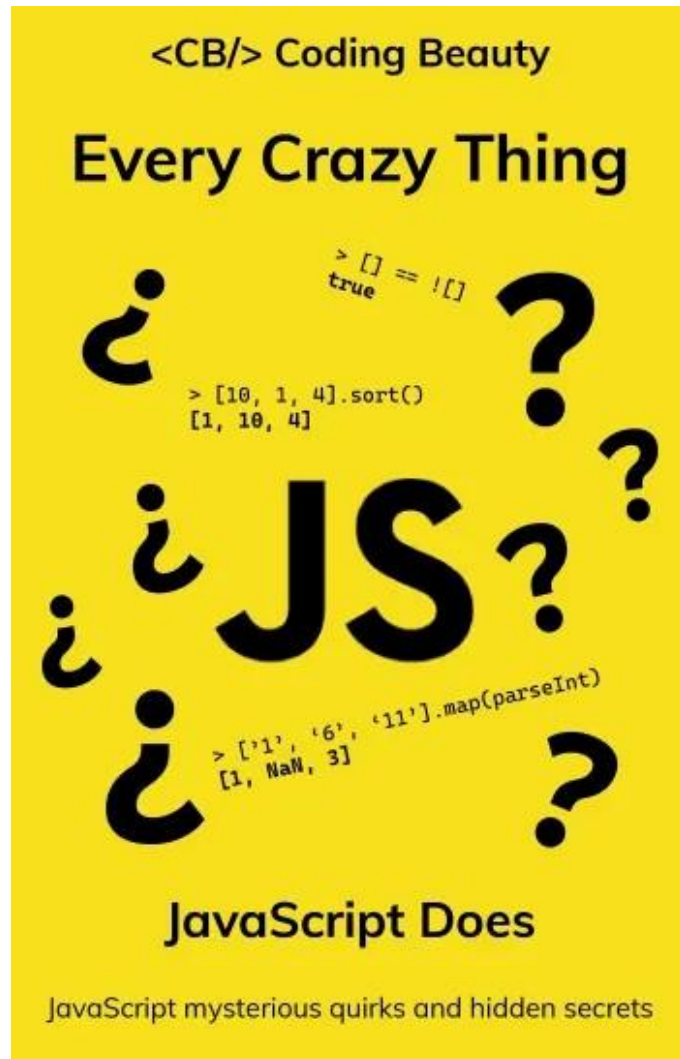
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Avoid



painful bugs and save valuable time with Every Crazy Thing JavaScript Does, a captivating guide to the subtle caveats and lesser-known parts of JavaScript.

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Published in Coding Beauty

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world of tech, AI, and computing.



Written by Tari Ibaba

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the world of tech, AI, and computing.

Responses (319)



Harry Baya

What are your thoughts?



Code Bear

Feb 20



Just finished a feature for my company today the percent of coding involved in solving the problem 10-20%. Only people who think software engineering is only is about coding come up with blogs and graphs like this. And the code that AI generated for... [more](#)

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2.7K



28 replies

[Reply](#)



Yogesh Datir

Feb 20



But with the agentic tools you could just say, “add a search feature to the app”, and it could handle everything — all the above — including NPM library installations.

Believe me, I am using cursor at work. Yes, it does create search feature for you with npm installations. But I can't use it out of box. I have to customise it for our requirements that are not fulfilled by cursor's response. As you use it more, you...
[more](#)



910



3 replies

[Reply](#)



Arjan

Feb 22



How long until you can literally say, “build and deploy an e-commerce app...” and that’ll be all it takes?

Then that will become so common and easy that no viable business can be made from it.

Let alone the fact that LLMs are statistical extrapolation machines so no new knowledge will be generated.

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718



8 replies

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In Coding Beauty by Tari Ibaba

These MCP servers are amazing for coding

Start using MCP. NOW.



Jul



676

12



11



In Coding Beauty by Tari Ibaba

Paying for software is stupid: 20 open-sourc...

SaaS is everywhere.

Subscription costs add up fas...



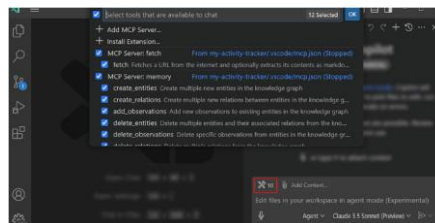
Jun

738



21

More from Tari Ibaba and Coding Beauty



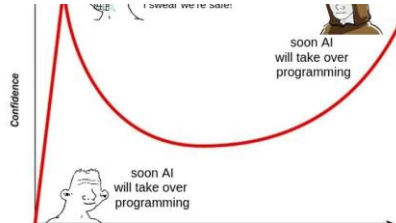
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In Coding Beauty by Tari Ibaba

**Microsoft's new layoffs
just confirmed every...**
The news hit hard.

Jun 1.97K 6 139



In Coding Beauty by Tari Ibaba

**This new AI coding
agent from Google is...**
Wow this is insane.

5d 510 16 ago

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The engineer's overengineered knowledge...

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1.4K 31



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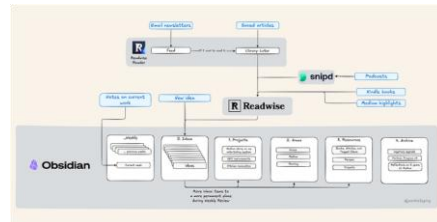


Wow this is insane.

★ 5d
ago

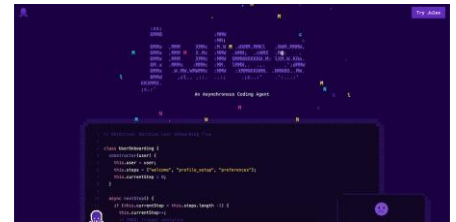


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Jacob Bennett

How I never forget
anything as a staff...



In Coding Beauty by Tari Ibaba

This new AI coding
agent from Google is...

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In Long. Sweet. V... by Ossai Chi...

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Trust me you're not as slick as you think

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👤 19.1K
💬 1153
🔖



TechPreneur

Why Amazon is Quietly Abandoning the Cloud

For years, Amazon Web Services (AWS) was the...

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💬 83
🔖



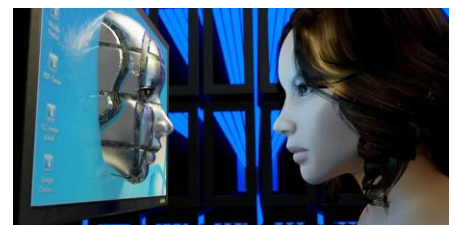
Yash Batra

The 47-Line Code That Made One Developer \$...

In late 2024, a solo indie developer pushed 47 lines of...

★ 2.1K

A model trained on nothing but numbers can learn to be...



Rohit Kumar Thakur

We Just Discovered a Trojan Horse in AI, An...

Jul

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