



With Als wide open...

All Things Open 2025
Chris Heilmann, WeAreDevelopers

30 years of sneaking "open" into my work...

- Radio newscaster => quit, taught myself HTML and Perl
- Agency work
- eCommerce
- Etoys.com - UK, US
- DotCom crash
- Government websites, larger clients
- Enterprise CMS (India, UK)
- Yahoo (yay open!)
- Mozilla (even more open!)
- Microsoft (lots of open)
- WeAreDevelopers

WeAreDevelopers = Europe's biggest independent developer community

Newsletter



Podcast



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Magazine



WM> World Congress 2025



“Open” means...

- Access for all, independent of location or wealth
- Access to functionality (APIs) with documentation
- Access to code
- In-built quality control (lots of eyes)
- Longevity – people can build on your work
- Building things that work
- Following agreed procedures to ensure quality

The current hype around AI is the antithesis of almost all of that.

AI overviews instead of search results



= the truth according to company X

AI Image and video generation



= expensive, faux creativity
without license considerations

Chat systems and research helpers



= unsolicited scraping and bots
serving bots

Agents browsing and buying things...



= a malware creator's wet dream

AI aided development

- “AI” IDE = fork of Visual Studio Code with all security settings turned off.
- AI features of these “free tools” costs you tokens
- On average, this means \$100k for a development team/year.



= subscription in disguise

No, AI is not Making Engineers 10x as Productive

Curing Your AI 10x Engineer Imposter Syndrome

05 August 2025 [AI](#)

A few months ago I went through a bit of a mental slump. I've always been confident of my abilities as an engineer, but I couldn't help but feel like my skills were falling hopelessly behind as I scrolled places like LinkedIn and Twitter. If these sources were to be believed, engineering had moved on from the medieval practice of typing code into an editor. *Real* engineers were now 10-100x more productive than I was. I'm writing this hoping to help others who are feeling similar anxieties.

Developer survey shows trust in AI coding tools is falling as usage rises

"AI solutions that are almost right, but not quite" lead to more debugging work.

SAMUEL AXON – 1 AUG 2025 00:39 |  183



❖ You need to do more than just hit tab on suggestions. Credit: Samuel Axon

AI tools are widely used by software developers, but those devs and their managers are still grappling with figuring out how exactly to best put the tools to use, with growing pains emerging along the way.

That's the takeaway from the latest survey of 49,000 professional developers by community and information hub Stack Overflow, which itself has been heavily impacted by the addition of large language models (LLMs) to developer workflows.

Stack Overflow data reveals the hidden productivity tax of 'almost right' AI code

Sean Michael Kerner

@TechJournalist

July 29, 2025 7:00 AM

f X in



Don't trust the bots...

- Only 33% of developers trust AI accuracy in 2025, down from 43% in 2024 and 42% in 2023.
- AI favourability dropped from 77% in 2023 to 72% in 2024 to just 60% this year.

Fixing bad results isn't fun...

66% of developers cite “AI solutions that are almost right, but not quite” as their top frustration

45% say debugging AI-generated code takes more time than expected.

AI tools promise productivity gains but may actually create new categories of technical debt.

Writing or generating code should always aim to solve an issue.

How much code we write in what time is a pointless metric...

Vibe coding



Christian Heilmann • You

Frontend, AI, Accessibility, Developer Relations. Literally wrote the book ...

2w • 🌐

Vibe coded, was it?



👍❤️ Jay Garcia and 45 others

5 comments • 2 reposts



Vibe code is legacy code

WED

// July 30, 2025 Steve Krouse

Despite widespread confusion, Andrej Karpathy coined "vibe coding" as a kind of AI-assisted coding where you **"forget that the code even exists."**

Legacy code

We already have a phrase for code that nobody understands: **legacy code**.

Legacy code is universally despised, and for good reason. But why? You have the code, right? Can't you figure it out from there?

Wrong. Code that nobody understands is tech debt. It takes a lot of time to understand unfamiliar code enough to debug it, let alone introduce new features without also introducing bugs.

Programming is fundamentally theory building, not producing lines of code. We know this. This is why we make fun of business people who try to measure developer productivity in lines of code.

When you vibe code, you are incurring tech debt as fast as the LLM can spit out. Which is why vibe coding is *perfect* for prototypes and throwaway projects: It's only legacy code if you have to maintain it!

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When you vibe code, you are incurring tech debt as fast as the LLM can spit it out. Which is why vibe coding is *perfect* for prototypes and throwaway projects: It's only legacy code if you have to maintain it!

CEOs can now do production code!



sketch.dev

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Our first outage from LLM-written code

2025-07-31 by Josh Bleacher Snyder and Sean McCullough

We had a series of mini-outages at sketch.dev on July 15th, caused by LLM-written code.

Timeline

A deployment appeared initially stable. Some time afterwards, CPU spiked, and service incrementally slowed to a crawl.

Profiles pointed to some absurdly complicated SQL queries that were doing multiple full table scans. The hypothesis was that they had reached a tipping point at which the database could no longer keep up. Either way, those queries needed reform.

We fixed the queries and deployed. The same thing happened: initial stability followed by a downward spiral.

Finding the issue...

“The trigger for the CPU spikes both times was our CEO logging in. We re-deployed to get a clean start, permanently banned him from the service, and moved on.”

```
for {
    repos, repoResp, err := ghClient.Apps.ListUserRepos(ctx,
        *installation.ID, repoOpt)
    if err != nil {
        // Log error but continue with other installations
        log.Printf("Error fetching repositories for installation %d:
            %v", *installation.ID, err)
        break
    }
    // ...
}
```

```
for {
    repos, repoResp, err := ghClient.ListUserRepos(ctx, *installation.
ID, repoOpt)
    if err != nil {
        // Log error but continue with other installations
        log.Printf("Error fetching repositories for installation %d:
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        continue
    }
    // ...
}
```

Vibe coding full products...



= dubious, insecure legacy code

Let's talk
about we
use AI...

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WeAreDevelopers



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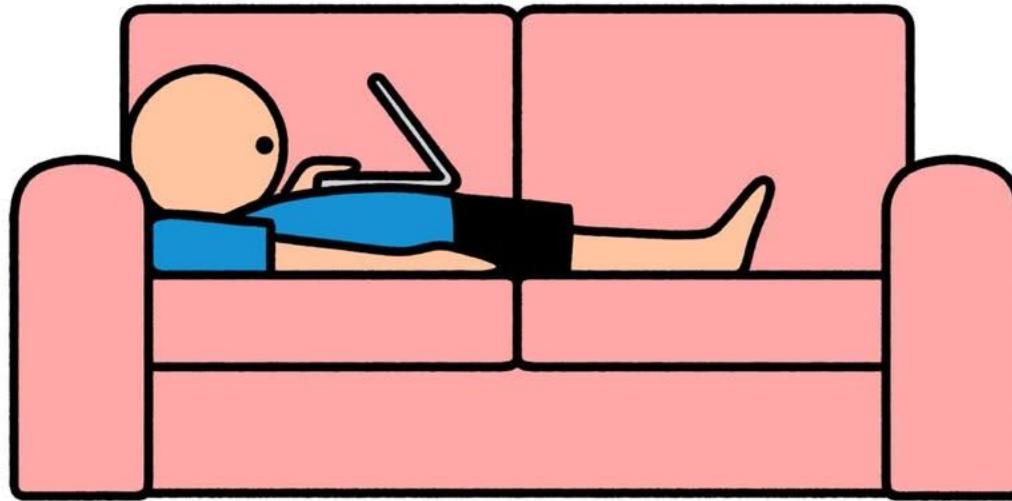
We have a ton of content!

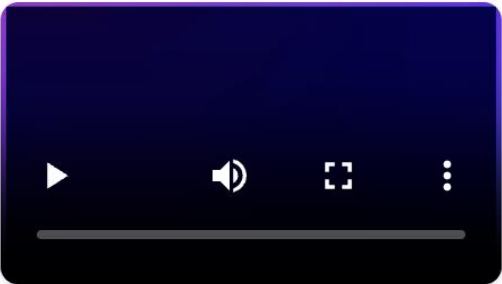
- Weekly newsletter with 150k subscribers
- Weekly live show with guests
- Magazine articles every few days
- Podcast every few days
- 10 years WeAreDevelopers World Congress:
 - ~2500 – 3000 hours of talk and workshop footage x 10
 - This year it is 12 TB of data

TWONKS

Search

🔍 why neck hurt





COMPRESSED 720 31 - Julia K...

59:27

Dashboard

Content

Clips

3

Blog

1580 words

Podcast

Email

Translations

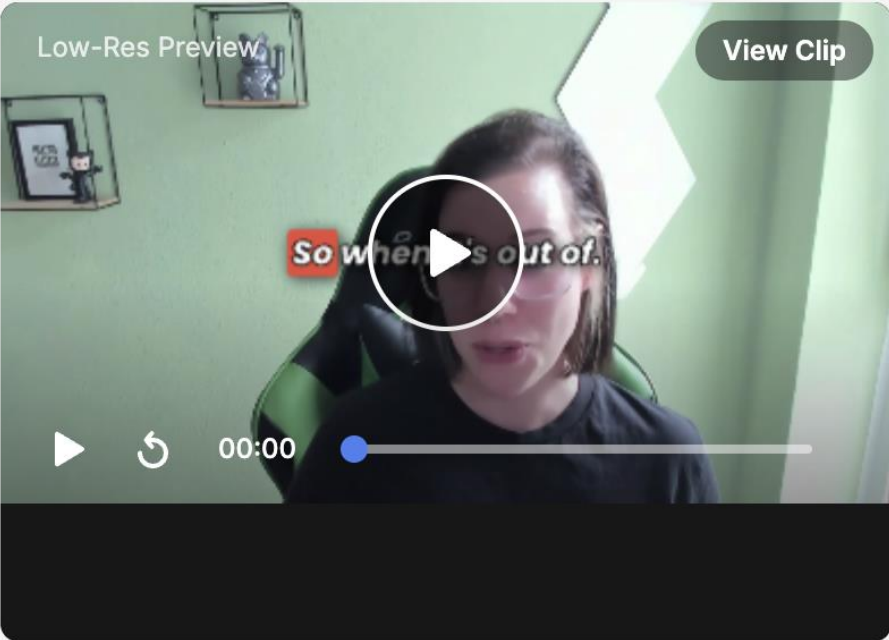
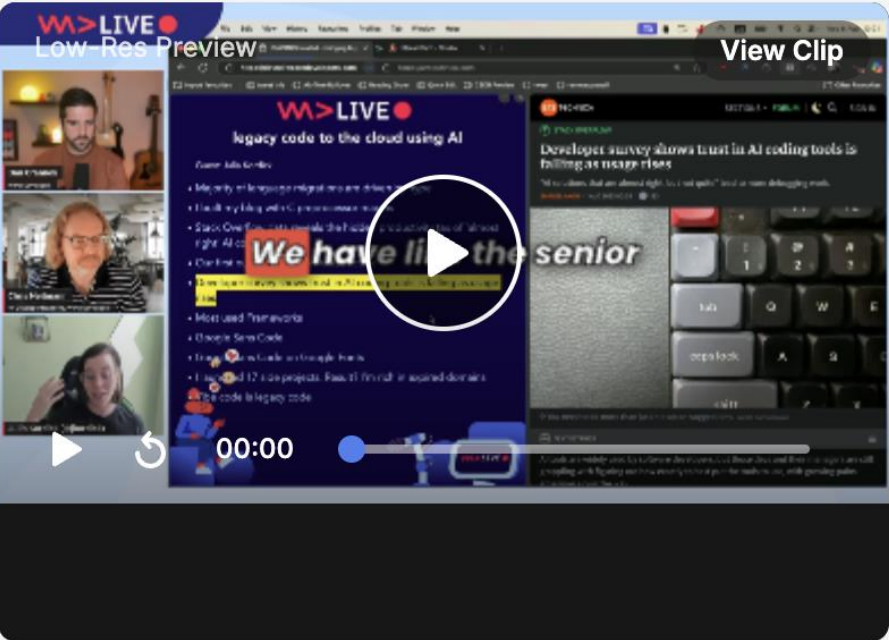
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Title ?

COMPRESSED 720 31 - Julia Kordick.mp4

Work in progress...

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professionals to build skills and share knowledge.

What dev question is on your mind today?



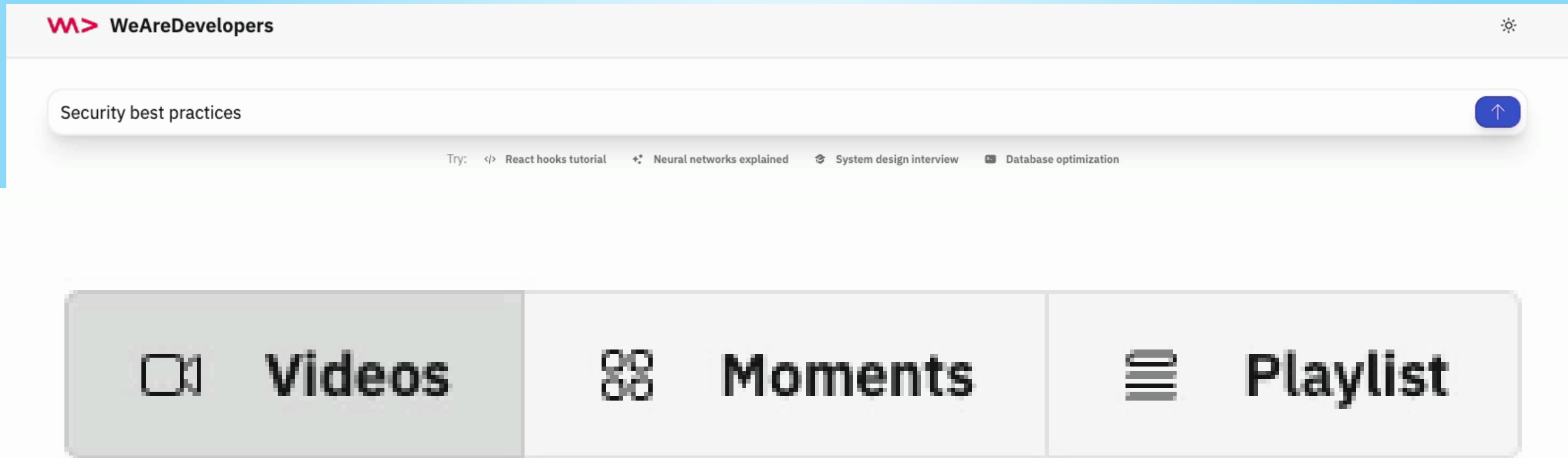
Try:  Angular signals

 Machine learning fundamentals

 System design interview

 Security best practices

Using AI to make video more accessible...



Your dev skill playlist...

Security best practices

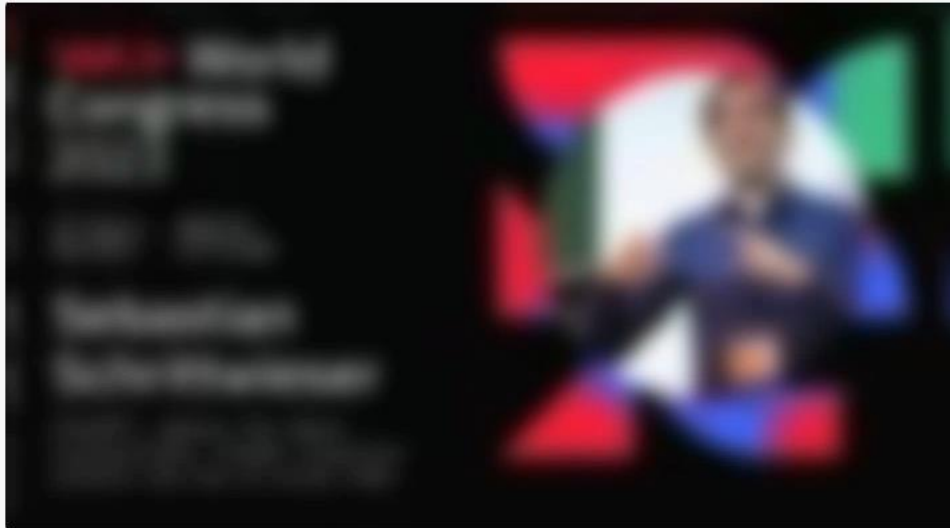


Try:  Vue 3 composition API  AI coding assistant  Freelancing tips  Cloud deployment

 Videos

 Moments

 Playlist



Your discovery mix for
Security best practices

16 videos • 20 moments • 57:21 min total

Let's talk about our jobs, longevity and how we deliver software.

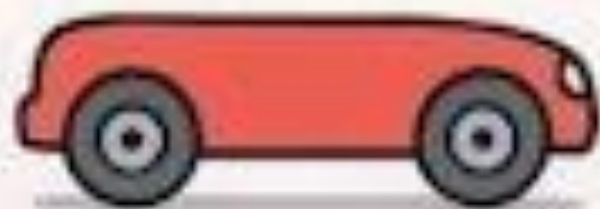
Setup used to develop linux



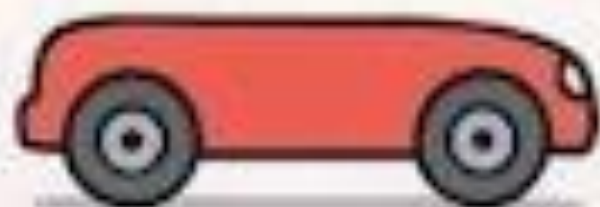
Setup for copying code from ChatGPT



Waterfall



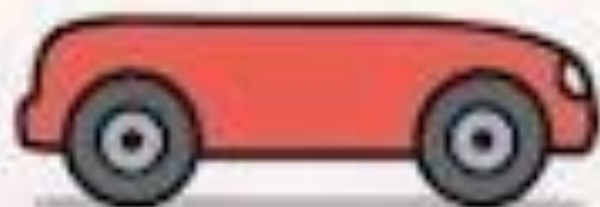
Waterfall



Agile



Waterfall



Agile



AI



We learn by imitation
and from mistakes.

How can junior
developers learn if
they're encouraged
to let magical AI do
everything for them?



Dunning-Kruger Effect

A cognitive bias, where people with little expertise or ability assume they have superior expertise or ability.

This overestimation occurs as a result of the fact that they don't have enough knowledge to know they don't have enough knowledge.

... we made this bias the go-to effect of AI ...

The AI Race: [China's AI Desert Empire](#) | [Figma](#) | [CyberArk](#) | [Apple's Struggles](#) | [Microsoft's Balancing Act](#) | [Anthropic](#)



Technology | The Big Take

How an 'Entrepreneur of the Year' Brought the First Big Bust to AI Boom

We protected the web from
corporate takeover before.
We need to do this again.

Not by demonising AI and the
companies that succeed in it.
But by taking part and offering
alternatives...

AI can make us more efficient; it can't make us more creative or magically excellent at anything.

Let's show the world how the power,
love and dedication of open can
move this from marketing hype to the
next level of human-computer
interaction.

WM> World Congress 2025~~X~~6

Free



WeAreDevelopers World Congress
Berlin, Germany 08-10/07/2026



(if you get picked as a speaker)

WeAreDevelopers World Congress North America San Jose, California 23-25/09/2026

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Thanks!

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