

The Death of the Junior Developer

Lessons learned and a look forward

Steve Yegge

Enterprise Technology Leadership Summit 2024

Stevey's Journey



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Google Grab

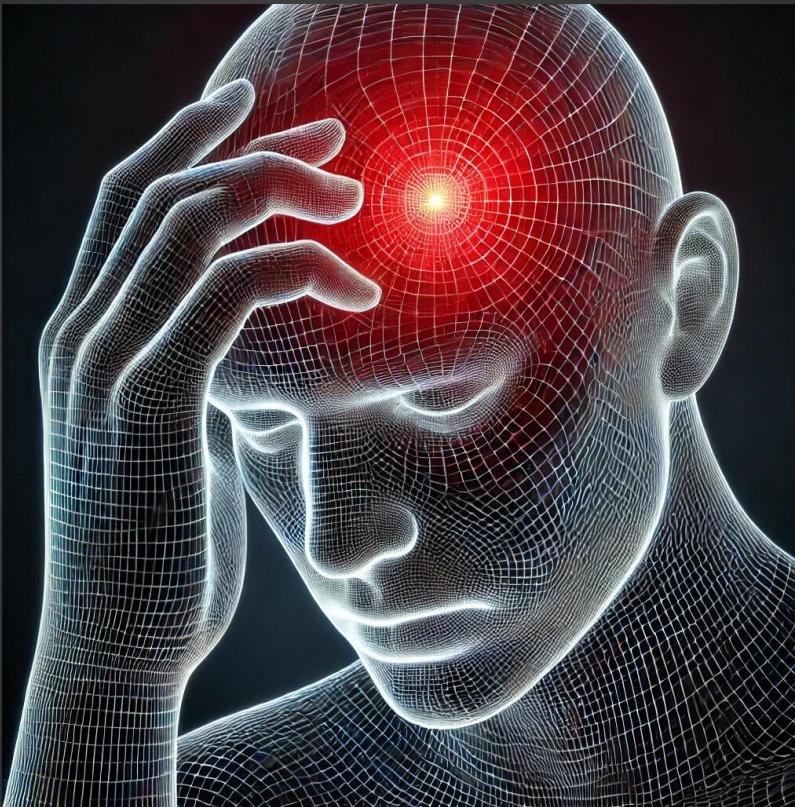


Sourcegraph

SaaS



Why is everything extra difficult these days?



ZIRP

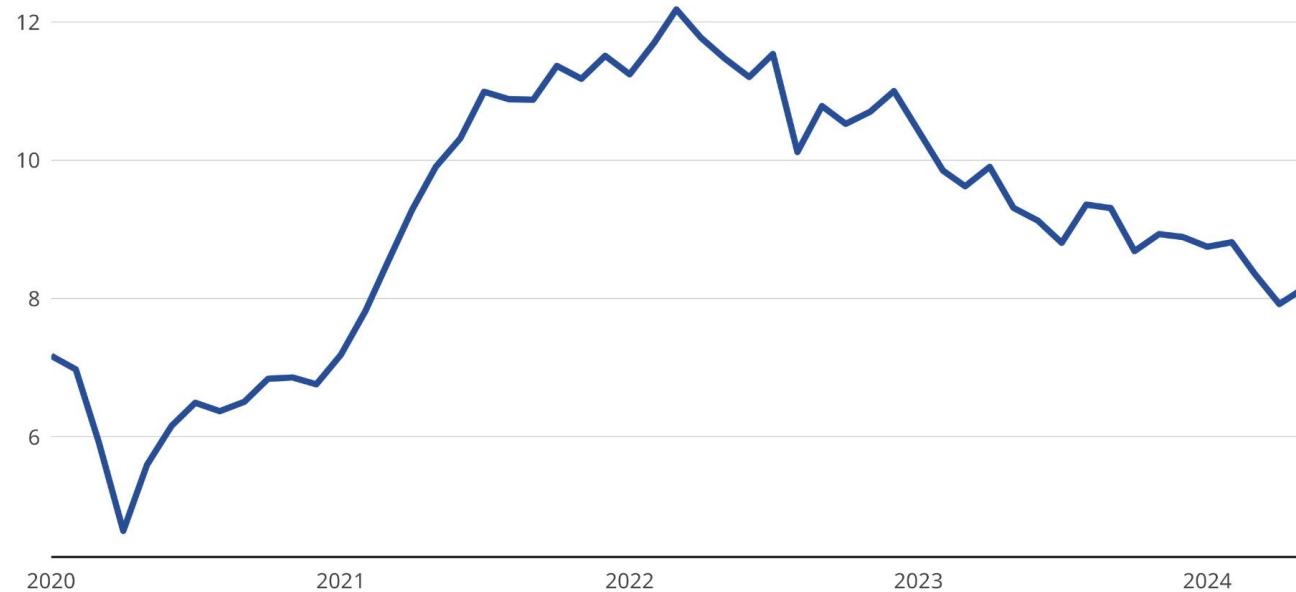
\$2T stimulus package

Jobs, jobs, jobs



Job openings are trending down

Job openings, millions, Jan 2020 - May 2024



Source: Job Openings and Labor Turnover Survey



A line graph titled "Job openings are trending down" showing the number of job openings in millions from January 2020 to May 2024. After peaking at over 12 million in March 2022, the number of job openings has steadily declined, reaching 8.1 million at the end of May 2024.



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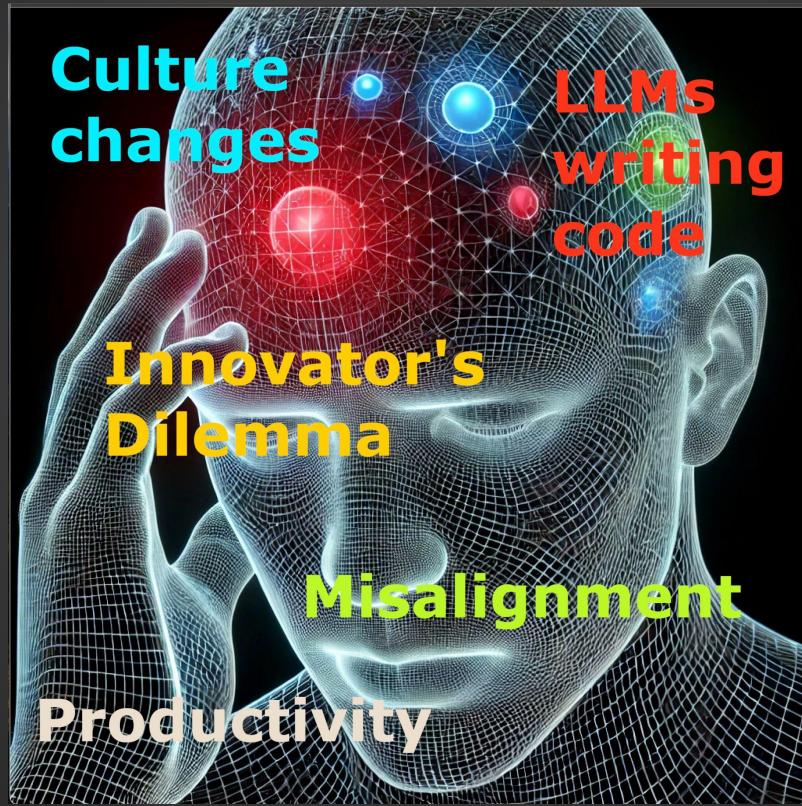
23 senior/exec leaders

One message

Covid's double impact on our industry

Anxiety Entitlement

You're all playing in Hard Mode



Surviving Hard Mode

Get your house in order: Your engineers will thank you for it.

Make a bubble and embrace Gen AI, RAG, and coding assistants.

Recognize that how code is produced is fundamentally changing.

Stay on the forefront: Models and capabilities from 4-5 months ago are *ancient*

RAG is for Everyone



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CHOP is an evolving art & technique

- CHOP involves a lot of "prospecting": Agent-like directed retries
- Multiple LLMs & chatbots
- Multiple coding assistants
- Multiple prompts
- Dynamic prompting
- Context strategies

sy

Method 'test_normalized_uri_or_path()' annotated with '@Test' inside class extending JUnit 3 TestCase

🔗 Edit

I apologize for the confusion. The error message you're seeing indicates that you're using JUnit 3, which has a different approach to defining tests compared to later versions of JUnit.

In JUnit 3, you don't use the `@Test` annotation. Instead, test methods are identified by their naming convention. Here's how you should structure your test method for JUnit 3:

1. Remove the `@Test` annotation.
2. Ensure the method name starts with "test".
3. Make the method public (which is the default in Kotlin, but we'll be explicit here).

Here's how you should modify your test method:

kotlin

Copy

```
public fun testNormalizedUriOrPath() {  
    ApplicationManager.getApplication().invokeAndWait {
```

DotJD: What's really changing?

Self hosted models + Foundation model arms race = AI will be everywhere

More context slinging & RAG

There's a wave of new tooling coming, including Agents

Increased need for senior human reviewers

Coding Assistants



Help I'm looking for

- Start pivoting from completions to chat. Change what you measure. Embrace CHOP.
- Start thinking about how RAG will be most effective for you.
- When you're ready for the cable guy, give me a call!