



Stack Overflow

25,000점까지

내가 얻은 것들

2025.02.15 / 김영재 / LINE 기술임원 / youngjaekim@linecorp.com

이 세션에 적합한 분

취직 쉽게 하고 싶으신 분

코딩만 하면 안될거같고, 글 재주도 없고, 유튜브는 못하겠고, 하지만 뭐라도 해야겠다는 분

남에게 디버깅 해주는거 좋아하시는 분

???: 뭐 뻔한 얘기 하겠지...

커뮤니티 활동하면 좋습니다~ 열심히 공유하고 성장하세요~ 대충 이런거...

16:40 - 17:20



기술
김영재 / LINE

Stack Overflow
25,000점까지
내가 얻은 것들

세계최대 개발자 Q&A 서비스인 stackoverflow의 만렙이 되기까지 좋은 개발자가 되기 위한 노력과 그로 인해 얻은 경험을 공유합니다.

Microsoft 본사 소프트웨어 엔지니어 입사

이 정도면 “얼은 것”치곤 괜찮은거 아닌가?

Outlook

ACTION REQUIRED: Return of Essential Documentation - Youngjae Kim

보낸 사람 Ray f. [redacted]@microsoft.com>
날짜 목 2019-02-14 오후 7:57
정렬 Youngjae-kim@hotmail.com [redacted]

첨부 파일 3개(2MB)
Essential Information.pdf; Essential Documentation v 23.02.18.pdf; Live Life Well - Non Retail.pdf;

Essential Documentation
! Action Required

Hi Youngjae,

It's really great to know that you will be joining the Microsoft team. I am sure you will enjoy the environment here and, as my next priority, I want to make sure you are set up for success, so when you get here, things run smoothly.

The starting point, is some essential documentation to be completed by you!
I need the following forms completed in full and sent back to me on or before **25 February 2019**

Please save these documents on your local desktop, to have it function properly.

- Tax File Number Declaration Form
- Superannuation Standard Choice Form
- Personal Details Required for Payroll

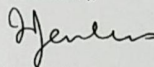
Use the checklist provided above to keep track of completing each item and getting them back to me. The reason these ones are so important is because they are required in order to set you up on payroll and meet our Governmental compliance obligations.

I have also attached **Fair Work Information Statement** for your reference.

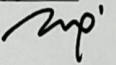
Microsoft

Please indicate your acceptance of this offer on the terms of this letter and the attached Non-Disclosure Agreement by signing and returning the duplicate copy of this letter and the signed Non-Disclosure Agreement within five (5) working days, at which time this offer expires.

Congratulations on joining the Microsoft team. We hope you are looking forward to a challenging and rewarding career with us. Should you have any questions, please give me a call.

Yours sincerely,

Ingrid Jenkins
Human Resources Director

I accept the above offer and will commence employment on: Microsoft

Signed: Youngjae Kim  Date: 30 October 2018

개발자의 외부활동

1. 개인블로그 - velog, ...
- 2. 커뮤니티 - Stackoverflow, SNS, ...**
3. 오픈소스
4. 발표
5. 회사블로그
6. 스터디그룹
7. (개발자 일상 유튜브)

StackOverflow.com

이런 사이트입니다

모르는 분도 계실 듯...?

The screenshot shows the Stack Overflow homepage for user Youngjae. The browser address bar displays `https://stackoverflow.com`. The page features a navigation sidebar on the left with links for Home, Questions, Staging Ground, Tags, Saves, Users, Companies, LABS, Discussions, COLLECTIVES, and TEAMS. The main content area includes a welcome message, reputation statistics (25.1k), badge progress (Archaeologist - 98/100), and watched tags (android, azure, c#, microsoft-metro, visual-studio-lightswitch). Below this is a section for interesting posts, including questions like "How do I start my C# background service in Azure?" and "Azure Just-In-Time access: How to request Just-In-Time access outside of Azure Portal?". The right sidebar contains sections for "The Overflow Blog", "Featured on Meta", and "Hot Meta Posts".

StackOverflow.com

질문, 답변, 코멘트, 태그, 배지, ...
그 중 Reputation이라는게 있다

You gain reputation when:

- question is voted up: +10
- answer is voted up: +10
- article is voted up: +10
- answer is marked "accepted": +15 (+2 to acceptor)
- suggested edit is accepted: +2 (up to +1000 total per user)

The screenshot shows the profile of a user named 'Youngjae' on Stack Overflow. The user is a 'Technical Fellow at LINE' and has been a member for 14 years, 8 months. They have a reputation of 25,050, 19 badges, 117 questions, and 203 answers. The profile includes a summary section with a reputation graph, a list of badges, and an impact section showing ~5.4m people reached and 125 posts edited. Below the summary are sections for 'Answers' (297 total) and 'Questions' (153 total), each with a list of recent items. At the bottom, there are sections for 'Tags' (c#, .net, android) and 'Reputation' (recent gains).

충성도를 높이는 굉장히 잘 설계된 지식공유 사이트

점수따라 넓어지는 권한

25,000 = 만랩. 내부 통계에 접근한다

15,000 = 논쟁을 끝낼 수 있다

10,000 = 질문을 지울 수 있다

3,000 = 벨소리를 없앨 수 있다

2,000 = 남의 어색한 글을 직접 교정한다

125 = 수준 낮은 질문에 경고한다

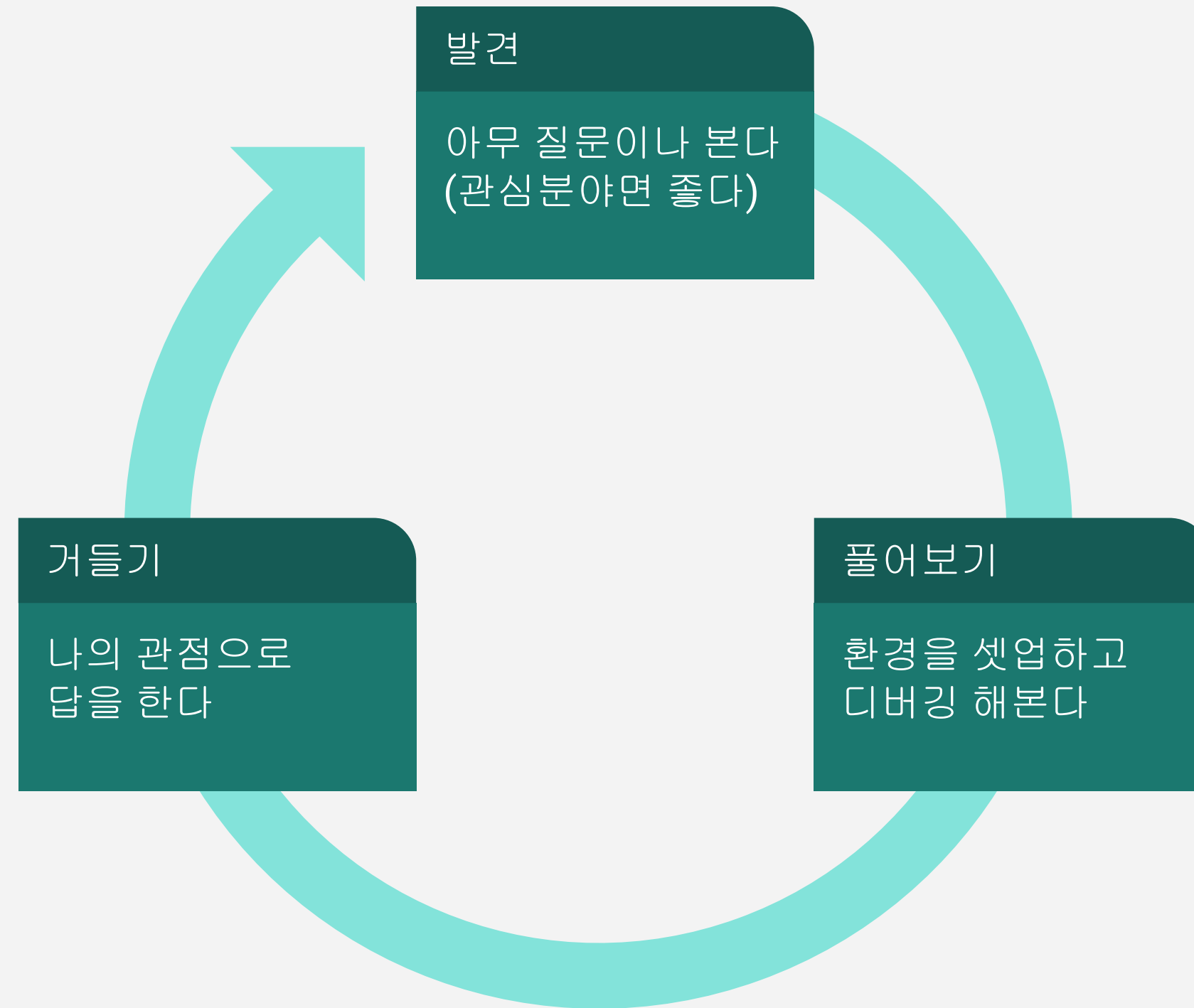
1 = 질문과 답변을 쓸 수 있다

The screenshot shows the Stack Overflow 'Privileges' page. The page title is 'Privileges' and the subtitle is 'Privileges control what you can do on Stack Overflow. Gain more privileges by increasing your reputation (points you receive from your fellow users for posting helpful questions and answers)'. The page is divided into several sections: 'All', 'Milestone', 'Moderation', 'Communication', and 'Creation'. A green callout box on the right side of the page contains the text '정말 정교하게 설계되어 있다!' (It is designed so meticulously!).

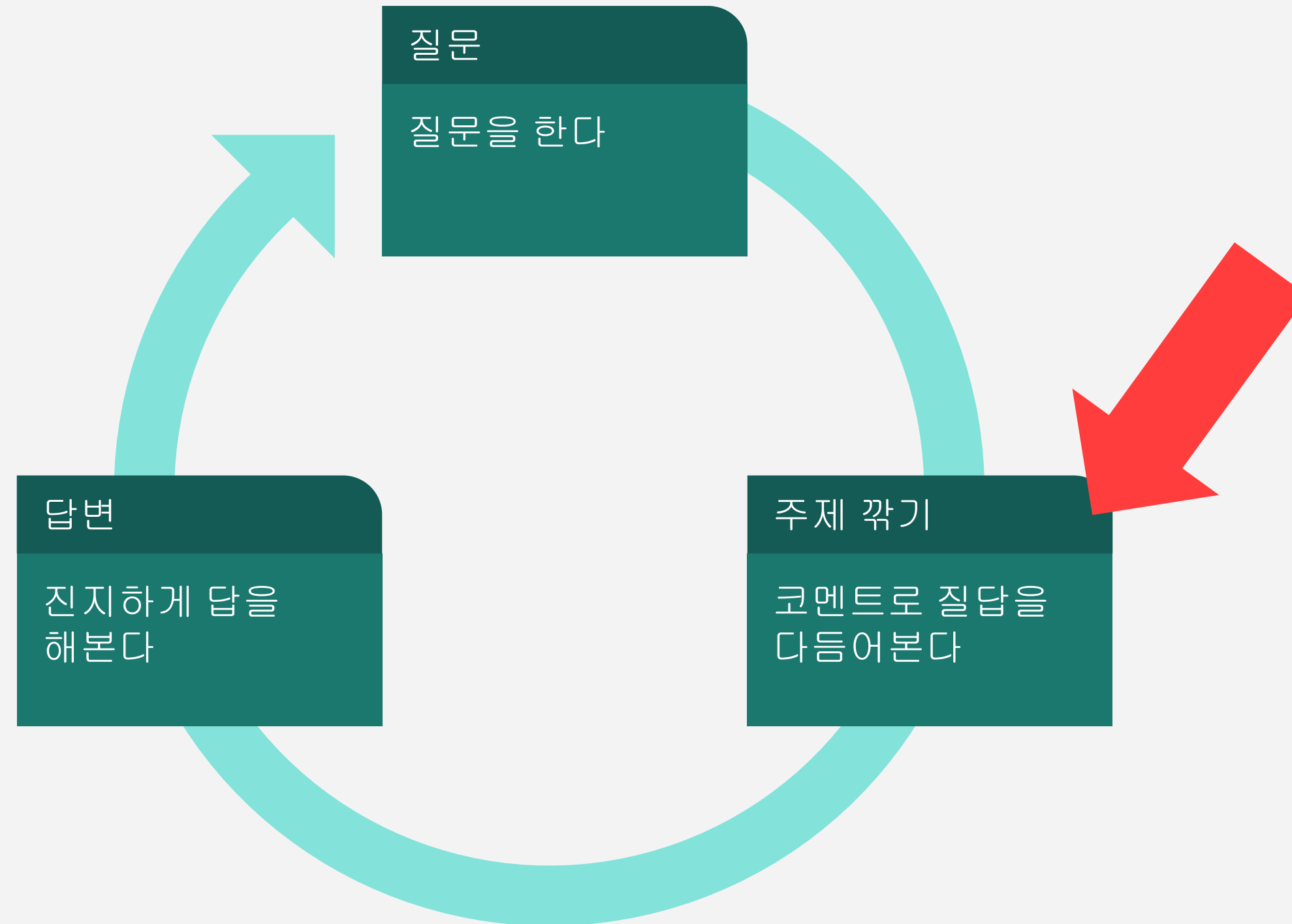
Reputation	Privilege	Description
25,000	access to site analytics	Access to internal site analytics
20,000	trusted user	Expanded editing, deletion, and undeletion privileges
15,000	protect questions	Mark questions as protected
10,000	access to moderator tools	Access reports, delete questions, review reviews
5,000	approve tag wiki edits	Approve edits to tag wikis made by regular users
3,000	cast close and reopen votes	Help decide whether posts are off-topic or duplicates
2,500	create tag synonyms	Decide which tags have the same meaning as others
2,000	edit posts	Edits to other users' posts are applied immediately
1,500	create tags	Add new tags to the site
1,000	established user	You've been around for a while; see vote counts
1,000	create gallery chat rooms	Create chat rooms where only specific users may talk
500	access review queues	Access the First posts and Late answers review queues
250	view close votes	View and cast close/reopen votes on your own questions
200	reduce ads	Some ads are now automatically disabled
125	vote down	Indicate when questions and answers are not useful
100	edit community wiki	Collaborate on the editing and improvement of wiki posts
100	create chat rooms	Create new chat rooms
75	set bounties	Offer some of your reputation as bounty on a question
50	comment everywhere	Leave comments on other people's posts
20	talk in chat	Participate in this site's chat rooms
15	flag posts	Bring content to the attention of the community via flags
15	vote up	Indicate when questions and answers are useful
10	remove new user restrictions	Post more links, answer protected questions
10	create wiki posts	Create answers that can be easily edited by most users
5	participate in meta	Discuss the site itself: bugs, feedback, and governance
1	create posts	Ask a question or contribute an answer

<https://stackoverflow.com/help/privileges>

소일거리의 시작



의미있는 활동의 시작



*코멘트는 50점부터 가능

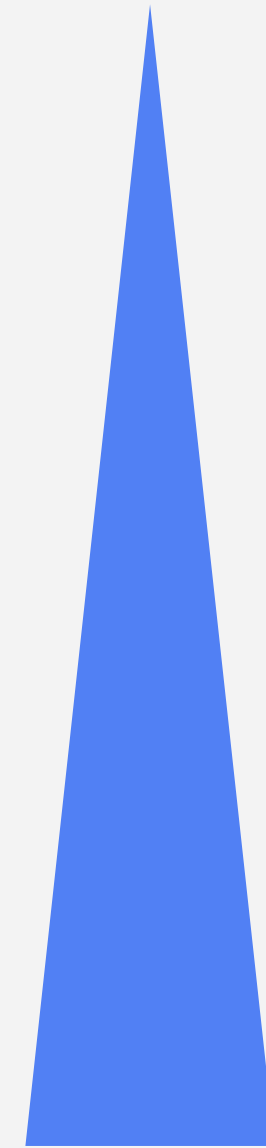
아 그래서 점수 어떻게 올리냐고 ㅋㅋ

1. 좋은 질문을 한다
2. 좋은 답변을 한다
3. 위 두개를 반복한다

좋은 질문 하는 법

질문의 단계

- (레벨0 - 모르는게 뭔지도 모르는 질문)
- 레벨1 - 언어의 기본 지식이 부족한 질문
- 레벨 2 - 특정 라이브러리나 환경에 대한 질문
- 레벨 3 - 최적화 질문
- 레벨 4 - 아키텍처 논의



점점 답이 없는 질문...

좋은 질문의 필수 요소

1. 내가 달성하려는 목적은 무엇인가
2. 내가 어떤 것들을 참고했는가
3. 내가 실패한 코드와 환경은 뭔가
4. 내가 어떤 시도를 했는가
5. 내가 당신에게 얻고 싶은 답은 무엇인가

The screenshot shows a Stack Overflow question page for "ElasticSearch.NET NEST search<T> url". The question text is: "My correct index path is POST: /foo/_search but below code hits POST: /foo/bar/_search." The code block shows a C# snippet for connecting to an Elasticsearch server and performing a search. The response returned is a valid NEST response for a different path. The question is annotated with five blue callout boxes: 1 points to the question title, 2 points to the error message in the response, 3 points to the code block, 4 points to the 'ASKED' timestamp, and 5 points to the search path in the response. The page also features a sidebar with navigation links, a 'The Overflow Blog' section, and 'Hot Meta Posts'.

조건은 답변 하는 법

좋은 답변의 몇가지 유형

- 복붙만으로 해결되는 명쾌한 코드
- 모든 경우의 수를 커버한 답변
- 진한 경험이 묻어나는 답변
- 순서대로 따라하면 해결되는 답변
- 풍부한 이론과 참고자료를 동원한 답변

좋은 답변의 몇가지 유형 #1

- 복붙만으로 해결되는 명쾌한 코드
- one-liner 또는 code golf 라고 하며, 의외로 호응이 좋음

▲ Just use...

475

```
var stringContent = new StringContent(jsonObject.ToString());  
var response = await httpClient.PostAsync("http://www.sample.com/write", stringContent);
```

▼

Or,

```
var stringContent = new StringContent(JsonConvert.SerializeObject(model), Encoding.UTF8, "application/json");  
var response = await httpClient.PostAsync("http://www.sample.com/write", stringContent);
```

Share Edit Delete Flag

edited Feb 22, 2017 at 15:40

answered Jun 29, 2014 at 9:11

 Youngjae
25.1k ● 19 ● 117 ● 203

▲ If someone wants to achieve it in `Dockerfile`, use as below.

166

```
RUN DEBIAN_FRONTEND=noninteractive apt-get -y install tzdata
```

▼

Share Edit Delete Flag

edited Nov 12, 2022 at 13:01

answered Oct 7, 2019 at 7:11

 Stabledog
3,370 ● 2 ● 35 ● 43

 Youngjae
25.1k ● 19 ● 117 ● 203

좋은 답변의 몇가지 유형 #2

- 모든 경우의 수를 커버한 답변

▲ For anyone stuck with same problem, a symptom not to receive `onActivityResult`, following cases can cause this issue.

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- check you are using `startActivityForResult()` correctly, do not use `startActivity()`.
- if you do something in overridden `onBackPressed` method, `super.onBackPressed();` has to be positioned at the last of the method, not at the first line. (my case to spend 5 hours)
- remove `android:launchMode="singleInstance"` in manifest or equivalent argument to create a intent.
- remove `noHistory="true"` in manifest of the callee activity.
- check `setResult()` is missed.
- `finish()` is called to close the activity, use `finishActivity()` to close callee activity.
- use `requestCode` more than zero. negative value does not work.

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edited Jul 31, 2015 at 5:03

answered Oct 23, 2013 at 15:43

Youngjae
25.1k ● 19 ● 117 ● 203

▲ For me, all decisions about *Activity* or *Fragment* are related to (1) UX (2) Manageability (3) Communication cost across components, etc.

14

Let me introduce some decisions by examples.

1. Is the screen required to launch from outside (Share intent)?
 - **Activity** is better as it can be opened directly from what `AndroidManifest` gives.
2. Does the screen require page-by-page views (recipe pages)?
 - **Fragment** is better as `Fragment+ViewPager` give flexible paging functionality. Moreover, some Android devices or theme editors override `Activity` opening effects so page-turning animation does not run as expected if we implements it in `Activity-by-Activity` manner.
3. Does the screen execute Camera or Photo intent with `StartActivity`?
 - **Activity** is better as `OnActivityResult` is hard to manage inner fragments when the app restores back from the Camera apps. For this reason, "writing a post" screen could be a good example to be a single `Activity`.
4. Does the screen have to run regardless of screen on/off (Timers)?
 - **Activity** is better as it can show up faster and lighter without `Activity-Fragment dancing`.
5. Does the screen have a kind of master-detail hierarchy?
 - **Fragment** is better because we could prepare tablet layout.
6. Does the screen consume memory a lot?
 - **Activity** is better because we can focus on the activity solely not inner fragments memory usage.
7. Does the screen has nested fragments more than 3-depth?
 - **Fragment**, reluctantly. Communication between fragment is unstable and `Activity-Fragment bridging/dancing` is always headache [1](#) [2](#). We can make complexity lower but `Activity-inside-Fragment-inside-ViewPager-inside-fragment...` is hard to acheive manageability.

Using multiple `Fragment` with single `Activity` is recommended by professional Android developers but we could decide to create more `Activities` for easier management and faster understanding.

In your case, I would like to implement components as below.

- `MainActivity` with `Fragments`: `Ingredients`, `Categories`, `Recipe`.
- `ResultActivity` with `Fragments`: `Search` and its `Results` are a kind of master-detail view.
- `TimerActivity`: It should be good to run in single `Activity`.
- `RecipeActivity`: If each recipe has its own id and can be shared as permalink, your app could open directly the recipe page by `RecipeActivity`. And, it could be better to show recipe even if your app is restored from turned-off or switched back from another app situation.

Share Edit Delete Flag

edited May 23, 2017 at 11:46

answered Oct 16, 2016 at 13:04

Community Bot
1 ● 1

Youngjae
25.1k ● 19 ● 117 ● 203

좋은 답변의 몇가지 유형 #3

- 진한 경험이 묻어나는 답변
- 삽질의 솔직한 공유
- 내 답이 틀릴 수 있음

▲ For simple one Activity to one Fragment hierarchy, callback is simplest decision to go. But think about Activity containing a Fragment, and the Fragment contains swipe-able `ViewPager`, and each tab of `ViewPager` has Fragments A,B,C.

▼ The Fragment A,B,C will go to long journey to send event to mother Activity, and it can be lost interface connectivity between Activity and children when they are restored during [crazy complex Android Activity-Fragment lifecycle dances](#). In this case, eventbus like `otto` can be a good choice.

🕒 The drawback of event bus approach is, it is hard to maintain where the event is come from. So, keeping a few sender is recommended.

Share Edit Delete Flag edited Jun 1, 2015 at 1:50 answered May 31, 2015 at 5:15

Youngjae 25.1k ● 19 ● 117 ● 203

▲ To find duplicate dependencies or its required dependencies, you can visualize library dependencies in tree. Execute gradle command as below.

104

```
gradle -q dependencies yourProject:dependencies --configuration compile
```

▼ Note that, run `gradlew` in Windows as below.

```
gradlew -q dependencies yourProject:dependencies --configuration compile
```

📌 The command result will show you human-readable tree hierarchy of all dependencies as below.

```
compile - Classpath for compiling the main sources.
+--- org.androidannotations:androidannotations-api:3.2
+--- com.android.support:support-annotations:22.1.1
+--- com.squareup:otto:1.3.6
+--- in.srain.cube:grid-view-with-header-footer:1.0.10
+--- com.nostra13.universalimageloader:universal-image-loader:1.9.3
+--- com.github.chrisbanes.photoview:library:1.2.3
+--- org.simpleframework:simple-xml:2.7.1
+--- com.google.android.gms:play-services-base:6.5.+ -> 6.5.87
+--- project :yourProject
|   +--- com.loopj.android:android-async-http:1.4.6
|   +--- org.apache.httpcomponents:httpmime:4.2.5
|   |   \--- org.apache.httpcomponents:httpcore:4.2.4
|   \--- com.google.code.gson:gson:2.3.1
+--- project :facebook
|   \--- com.android.support:appcompat-v7:22.1.1
|       \--- com.android.support:support-v4:22.1.1
|           \--- com.android.support:support-annotations:22.1.1 -> 22.2.0
```

🕒 You can see overridden dependencies and decide in mind which ones should be avoided. In above example, last line `com.android.support:support-annotations` presents overridden from `22.1.1` to `22.2.0` internally.

📌 To avoid duplicates, you can add `exclude` clauses in each project `build.gradle` file.

```
compile('com.github.chrisbanes.photoview:library:1.2.3') {
    exclude group: 'com.android.support'
}

compile('org.simpleframework:simple-xml:2.7.1') {
    exclude module: 'stax'
    exclude module: 'stax-api'
    exclude module: 'xpp3'
}

compile('com.google.android.gms:play-services-base:6.5.+') {
    exclude module: 'support-v4'
}
```

🕒 For more information, you can see the tutorial at https://docs.gradle.org/current/userguide/userguide_single.html#sec:listing_dependencies

Share Edit Delete Flag edited Jun 8, 2020 at 22:10 answered Jun 4, 2015 at 16:47

Boken 5,454 ● 10 ● 39 ● 45 Youngjae 25.1k ● 19 ● 117 ● 203

좋은 답변의 몇가지 유형 #4

- 순서대로 따라하면 해결되는 답변

▲ I had many trial-and-errors to setup it for AngularJS-based web client.
For me, below approaches works with ASP.NET WebApi 2.2 and OAuth-based service.

52

▼

1. Install `Microsoft.AspNet.WebApi.Cors` nuget package.
2. Install `Microsoft.Owin.Cors` nuget package.
3. Add `config.EnableCors(new EnableCorsAttribute("*", "*", "GET, POST, OPTIONS, PUT, DELETE"))`; to the above of `WebApiConfig.Register(config)`; line at **Startup.cs** file.
4. Add `app.UseCors(Microsoft.Owin.Cors.CorsOptions.AllowAll)`; to the **Startup.Auth.cs** file. This must be done prior to calling `IAppBuilder.UseWebApi`
5. Remove any xml settings what Blaise did.

I found many setup variations and combinations at here stackoverflow or [blog articles](#). So, Blaise's approach may or may not be wrong. It's just another settings I think.

▲ Found [easier solution](#) than @jluk suggested.

2

▼

1. go to <https://github.com/Azure/azure-quickstart-templates/tree/master/201-vmss-scale-existing>
2. Click "Deploy to Azure" button. It will open portal UI and show some textinput fields.
3. Input VMSS name and instance count to the fields, and Accept legal terms.
4. Click OK. wait till they all deployed.

Note that, if you change instance count `1` to `3`, three instances are initialized and you will see 1 running + 3 creating. Later, one is removed so three instances are running.

In case of docker, you have to download docker image to newly created instances and run one by one if you did not setup docker automation yet.

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edited Sep 8, 2016 at 6:53

answered Aug 2, 2016 at 2:35

Youngjae
25.1k ● 19 ● 117 ● 203

2016 at 17:21 answered Sep 10, 2014 at 6:46
20 ● 35 Youngjae 25.1k ● 19 ● 117 ● 203

Add a comment

좋은 답변의 몇가지 유형 #5

- 풍부한 이론과 참고자료를 동원한 답변

▲ The security risk in this dialog means the connection string will be put in *source code* generated by the wizard. Some folks upload their sources to public repository such as GitHub, and it can cause password exposure.

2

▼ But what about `Web.config`?

🔖 `Web.config` is dedicated file so that easily be excluded by `.gitignore` setting.

✅ In short, your screenshot setting is fine to go and please check `Web.Config` is well ignored when you upload your code to public repository.

🕒 Commonly, ASP.NET developers use [SlowCheetah](#) plugin which gives separate `Web.Debug.Config` and `Web.Release.Config` files and makes `Web.Config` output along with build configuration.

=EDIT=

For deeper understanding and implementation, please read <http://www.asp.net/identity/overview/features-api/best-practices-for-deploying-passwords-and-other-sensitive-data-to-aspnet-and-azure>

If you publish your ASP.NET to Azure WebApp, Azure portal gives handy UI to configure in settings. It overrides your `Web.Config` values. I recommend to use it.

Check out the documentation: <https://azure.microsoft.com/en-us/blog/windows-azure-web-sites-how-application-strings-and-connection-strings-work/>

You may click Restart button at WebApp after set it up.

edited Apr 6, 2016 at 1:34

answered Apr 5, 2016 at 3:30

 Youngjae
25.1k ● 19 ● 117 ● 203

▲ To acquire a exact filepath on your webapp, You may need to have trial-and-errors.

4 Below code is what I used in ASP.NET project. Assume that you have a folder named `scenarios` and `filename` variable:

```
string rootPath;  
if (!string.IsNullOrEmpty(Environment.GetEnvironmentVariable("HOME")))  
    rootPath = Environment.GetEnvironmentVariable("HOME") + "\\site\\wwwroot\\bin";  
else if (HttpContext.Current != null)  
    rootPath = HttpContext.Current.Server.MapPath("~/");  
else  
    rootPath = ".";  
string path = rootPath + "\\scenarios\\" + filename;
```

Let's see values on each condition;

1. `Environment.GetEnvironmentVariable("HOME")`: This value is for Azure WebApp. Azure WebApp has default environment variables of host root directory. You can check provided variables as [here](#)
2. `HttpContext.Current`: This value is for iisexpress with OWIN selfhost when you develop on the desktop.
3. `rootPath = "."`: This value is for classic IIS.

So, the best shortcut to find the published filepath could be.

1. See your file is well deployed on WebApp. You can see the published files with `WebApp > Advanced Tools (a.k.a Kudu) menu > Debug Console menu on top > CMD`. It will show you explorer-like interface on browser.
2. Try to write a log with filepath like: `Environment.GetEnvironmentVariable("HOME") + "\\site\\wwwroot\\bin\\" + yourdirectory + "\\" + SolutionName` and check the file at there is loaded successfully.

Share Edit Delete Flag

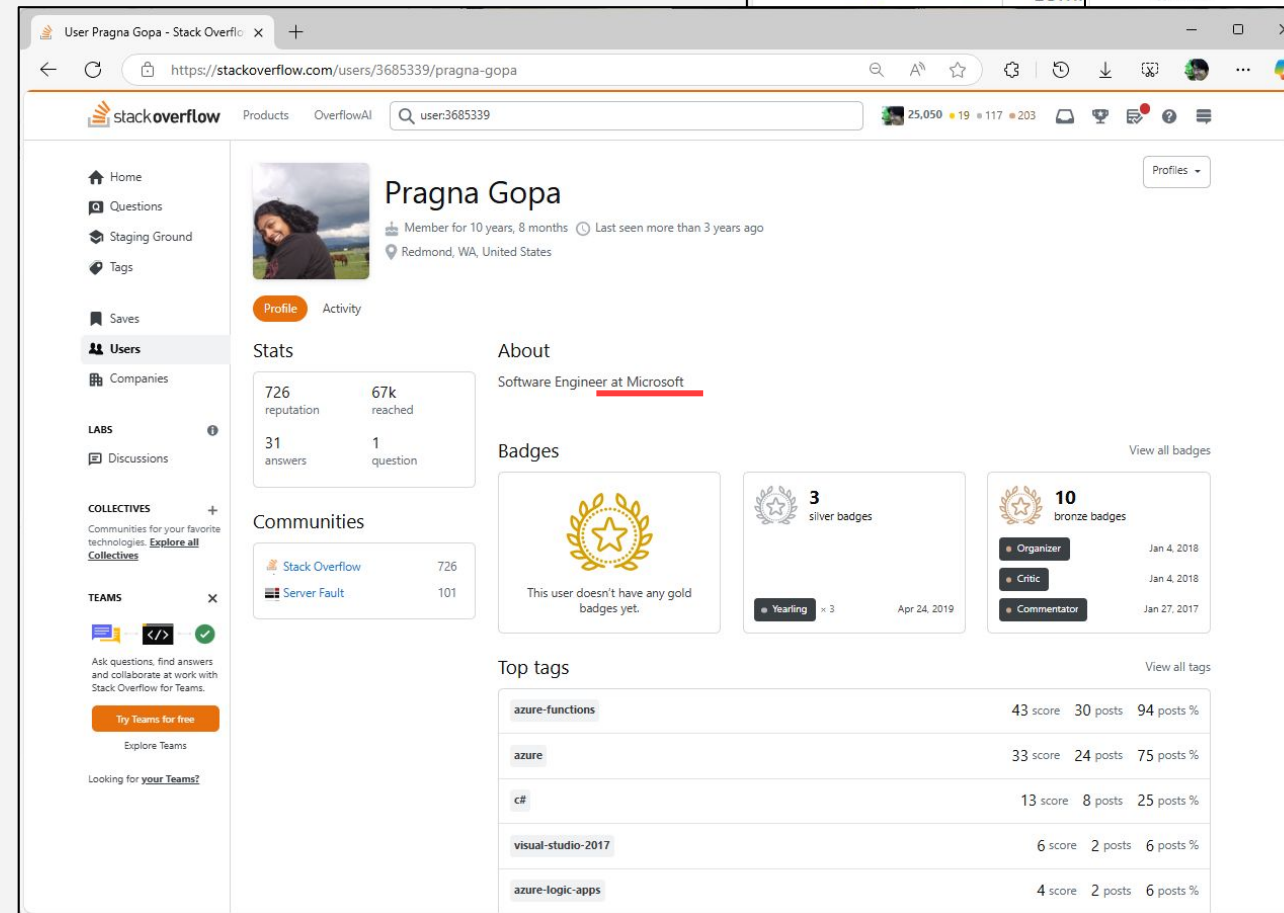
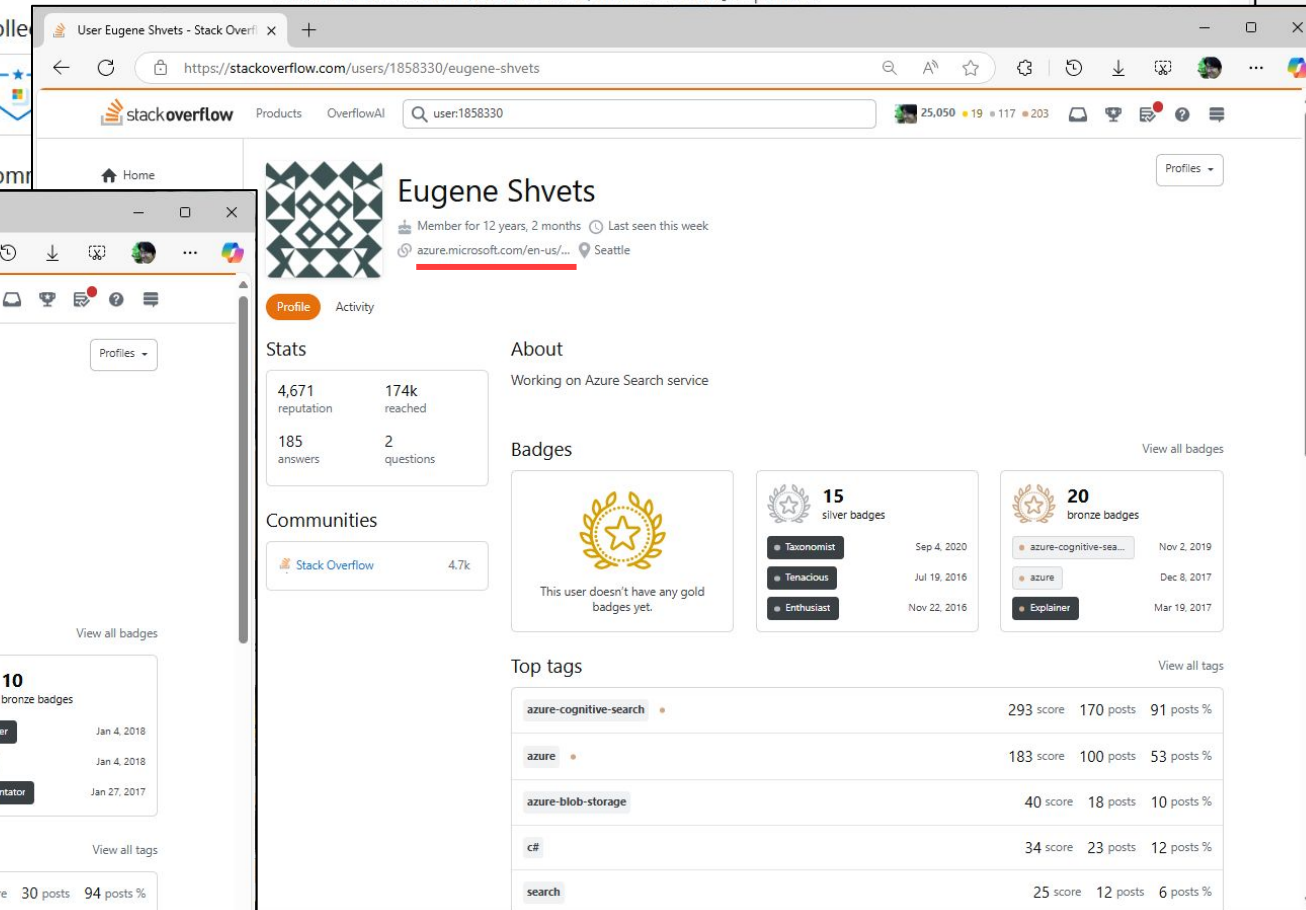
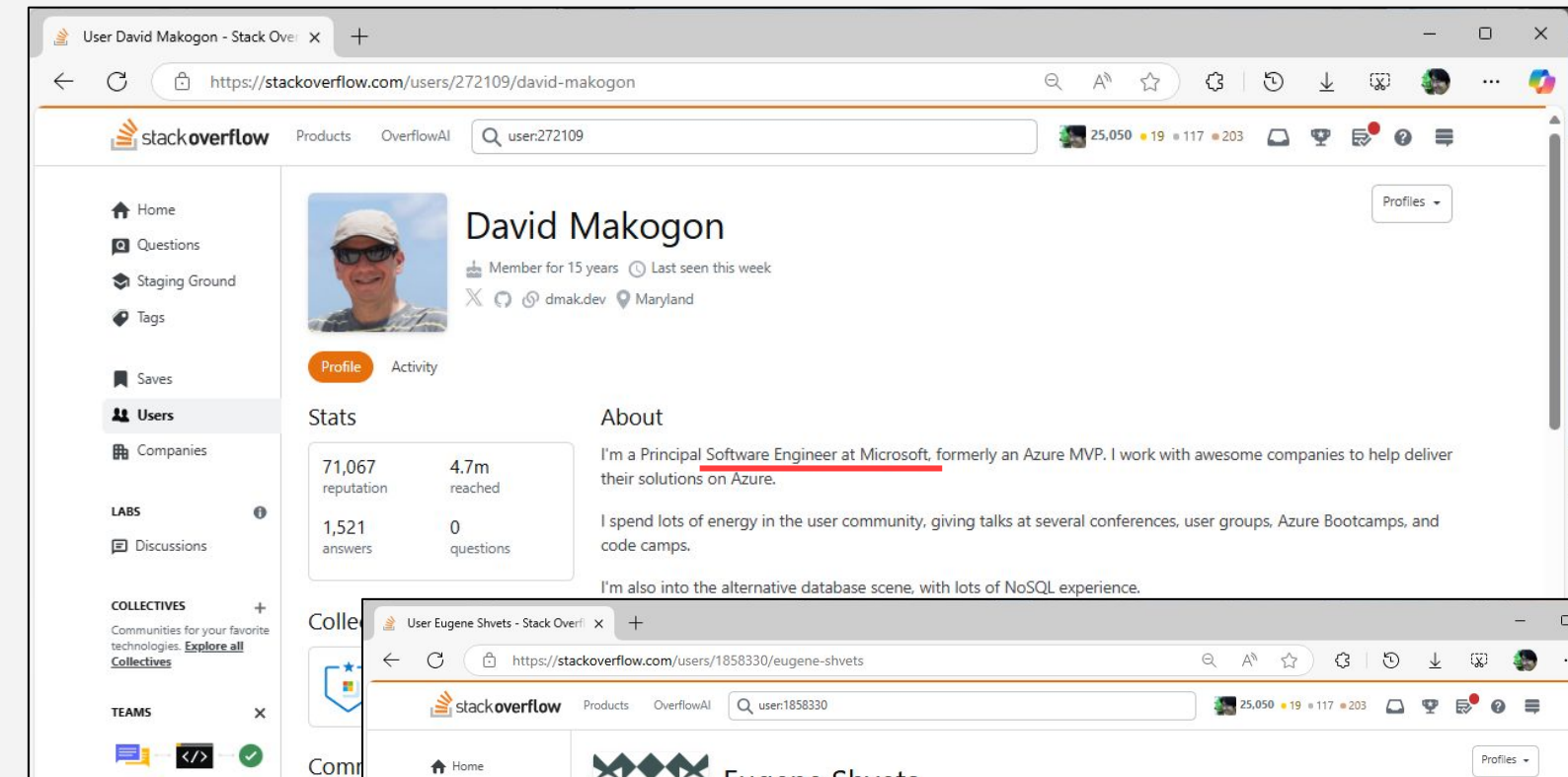
answered Jun 20, 2017 at 3:12

 Youngjae
25.1k ● 19 ● 117 ● 203

취직 쉽게(?) 하는 법

만드는 사람들이 직접 답을 해주더라

- 유저 피드백 창구 역할
- 이 외에 Reddit, Discord도 있음



Microsoft Azure Cloud 경험

질문하니까
개발자가 직접 답을 해주네..

언젠가부터 내가 답을 하기 시작

“너 누구니? 좀 보자”

“그냥 와서 일해라..”

2 votes
✓ 1 answer
858 views

Q Azure Search with Azure DocumentDB indexing error: _ts column not present
When I create Azure Search index, it failed after I run re-index after editing query. To reproduce, Create index with SELECT c.id, c.Text from c Run index for 500+ data, and Successfully...

azure-cosmosdb azure-cognitive-search Youngjae 25.1k asked Jul 10, 2016 at 9:53

0 votes
✓ Accepted

A Azure Search set ReplicaCount by Automation graphical runbook
Following commenters, I ended up by making PowerShell runbook. I uploaded powershell source code to below link: <https://gallery.technet.microsoft.com/scriptcenter/Azure-Search-...>

powershell azure azure-cognitive-search azure-automation Youngjae 25.1k answered Jun 21, 2017 at 3:50

0 votes
✓ 1 answer
110 views

Q Azure Search set ReplicaCount by Automation graphical runbook
Azure Search does not give any scheduled scaling option so I try to make it by Automation account. I followed AzSearch PowerShell command, but it does not work as I expected. Set...

powershell azure azure-cognitive-search azure-automation Youngjae 25.1k asked Jun 16, 2017 at 6:26

0 votes
✓ 1 answer
304 views

Q Does Azure Search result guarantee order for * query?
I'd like to manage AzSearch documents (indexed items) by AzSearch C# SDK. What I try to do is to list up documents by query result (mostly * result) continuously and edit values of the...

c# azure azure-cognitive-search azure-search-net-sdk Youngjae 25.1k asked Aug 15, 2017 at 13:53



azure	56 score	65 posts
azure-ad-b2c	0 score	1 post
azure-api-apps	2 score	1 post
azure-app-service-plans	0 score	3 posts
azure-automation	0 score	2 posts
azure-blob-storage	0 score	1 post
azure-cloud-services	2 score	3 posts
azure-cognitive-search	0 score	4 posts
azure-container-service	3 score	4 posts
azure-cosmosdb	0 score	5 posts
azure-functions	1 score	2 posts
azure-media-services	1 score	1 post
azure-mobile-services	3 score	4 posts
azure-notificationhub	4 score	6 posts
azure-powershell	1 score	1 post
azure-queues	5 score	2 posts
azure-resource-manager	4 score	2 posts
azure-sdk-net	0 score	1 post
azure-search-net-sdk	0 score	1 post
azure-service-fabric	2 score	1 post
azure-sql-database	4 score	3 posts
azure-storage	3 score	4 posts

azure-storage-queues	0 score	1 post
azure-table-storage	2 score	2 posts
azure-virtual-machines	6 score	8 posts
azure-virtual-network	0 score	2 posts
azure-vm-role	2 score	1 post
azure-web-app-service	10 score	8 posts
azure-web-roles	5 score	3 posts
azure-webjobs	6 score	5 posts
azure-webplatform	4 score	2 posts
azure-worker-roles	0 score	5 posts
azureservicebus	7 score	3 posts

알고보니 얻은 것

알고보니, 좋은 엔지니어가 되기 위한 모든 훈련

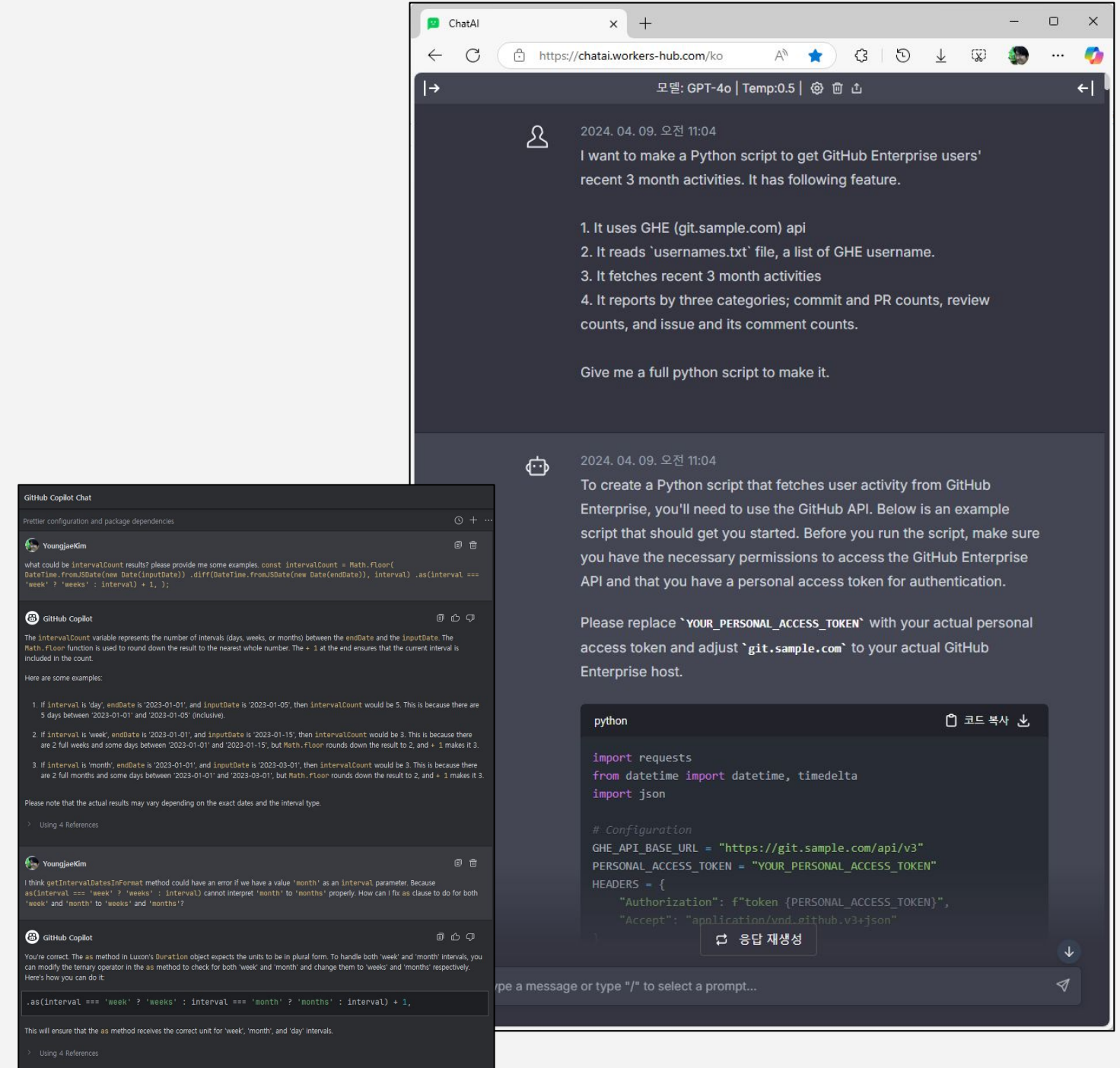
엔지니어에게 바라는 것

- 1단계: 주어진 일을 온전히 마감할 줄 아는 능력
- 2단계: 문제해결력
- 3단계: 협업력
- 4단계: 추상적인 개념의 설계 능력
- 5단계: 언어로 지식을 정리하여 전달하고 팀의 노하우로 만들 줄 아는 능력

자연스럽게 훈련하게 되더라...

알고보니, AI 시대에 최적화된 훈련

- React 초급인데 중급인 동료보다 문제 해결을 잘하더라
- ⇒ 답에 이르기까지 정교하게 대화할 줄 아는 것



좋은 질문의 5가지에 맞게
질의를 풍부하게 쓴다는 특징이 있다

AI 시대 지식의 미래, 인재의 미래

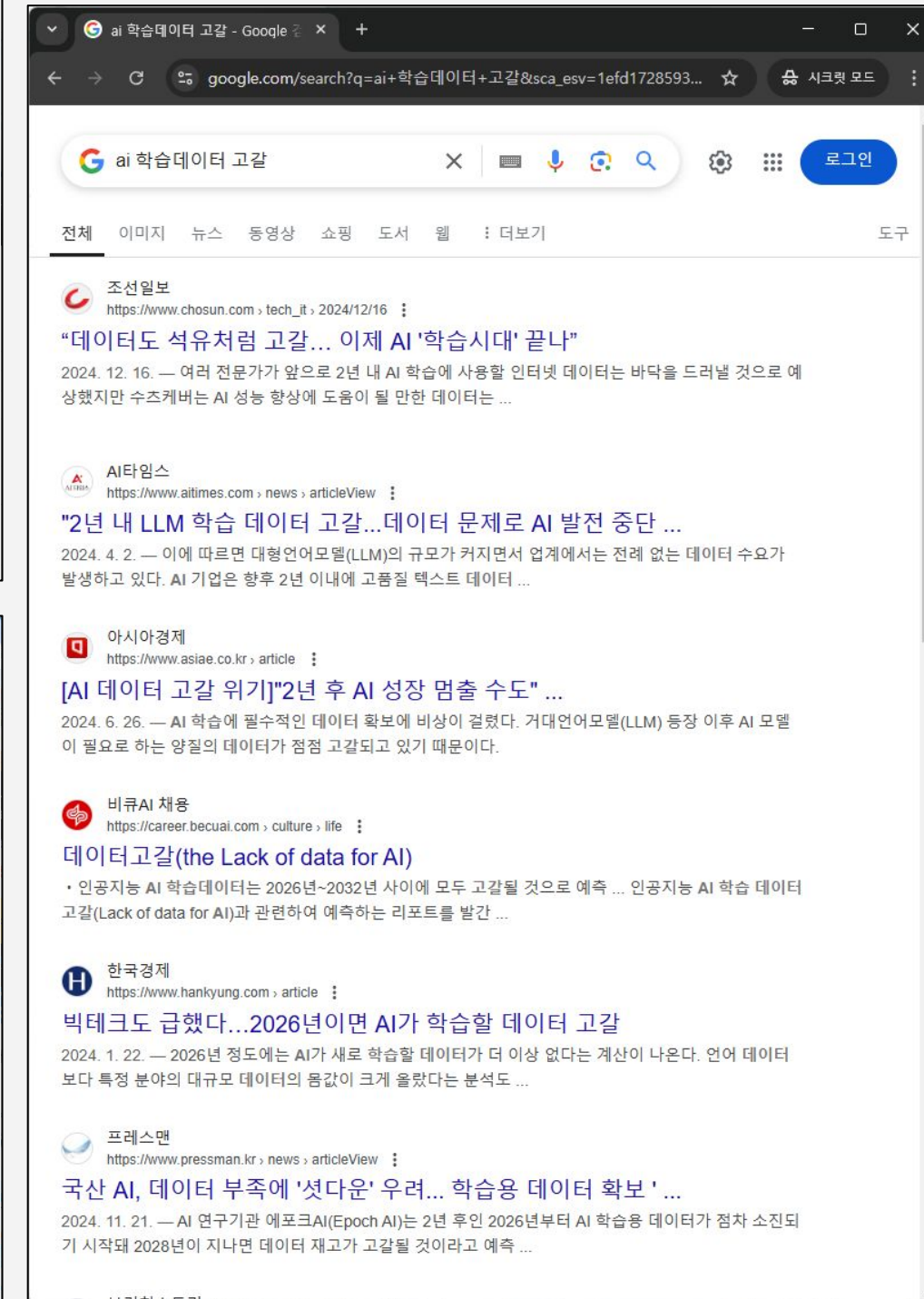
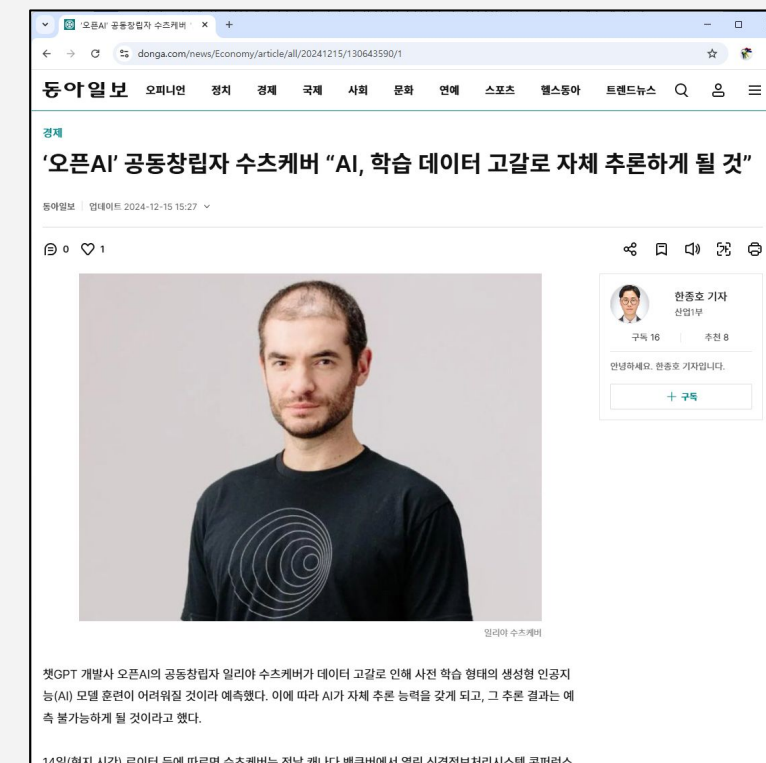
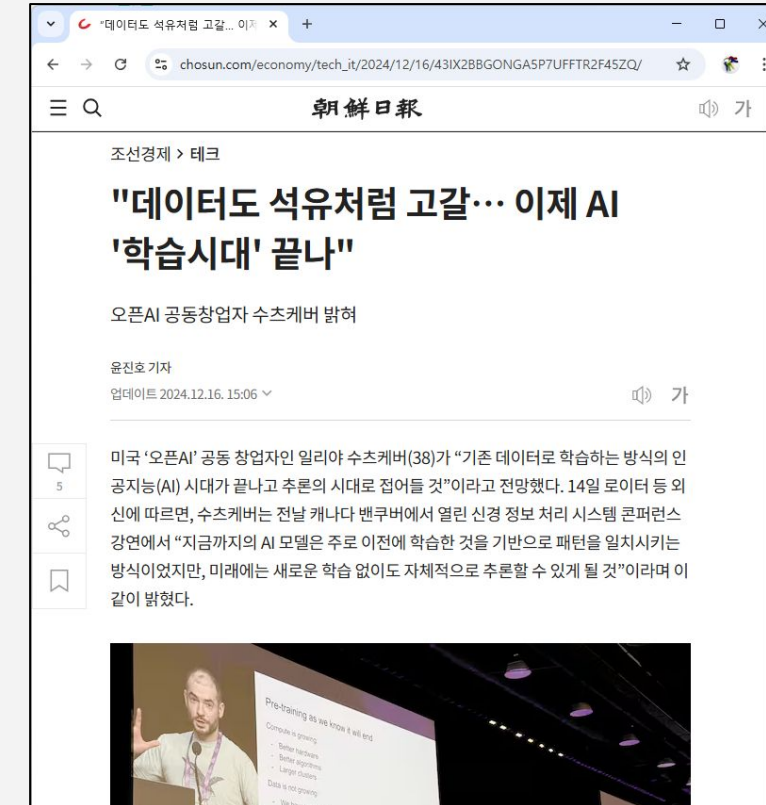
개발방식이 AI로 바뀌긴 했는데...

ChatGPT 이후,

Copilot 이후,

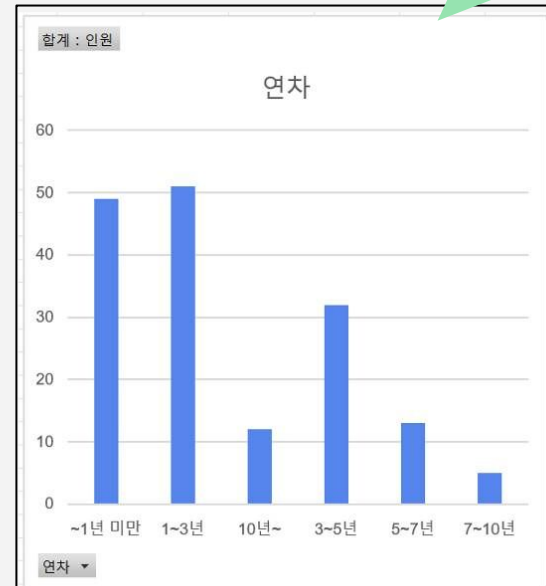
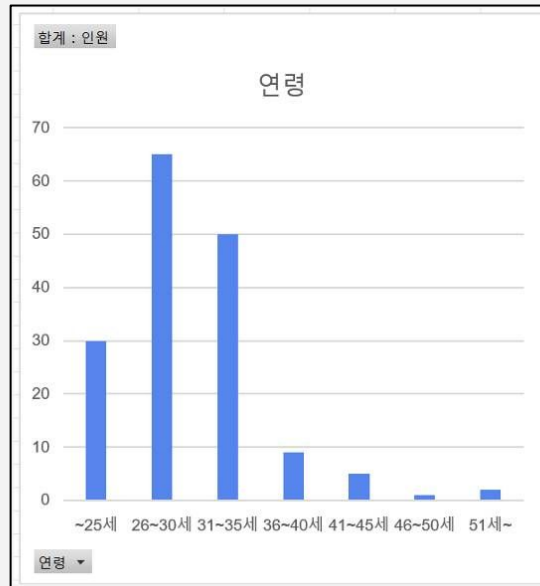
Cursor 이후,

개발할 때 누구에게 물어보고 도움받나?



개발자 채용에 양극화도 심해진다는데...

저 어찌죠?



오늘 참석자 통계

Greg Isenberg • 3rd+
CEO of Late Checkout, a portfolio of internet companies
Visit my website
1d • Edited •

This chart is nuts. Software developer jobs down 70% from peak.

소프트웨어 개발자 채용이 70% 급감했습니다.

하지만 이건 단순히 돈이 마르는 문제가 아닙니다. 더 흥미로운 변화가 일어나고 있습니다. 중급 개발자가 사라지고 있습니다.

더 이상 필요하지 않기 때문입니다.

- 1/ 한명의 뛰어난 개발자가 Github Copilot, Cursor 같은 AI 도구로 5년전 팀 전체가 했던 일을 해냅니다.
- 2/ '신입 개발자'라는 개념이 사라졌습니다. 대신 코딩할 줄 아는 제품 빌더가 생겼습니다. AI의 도움으로 며칠 만에 제품을 출시합니다.
- 3/ 반면 최상위 엔지니어들의 연봉은 사상 최대치를 기록하고 있습니다.

그들은 이제 정말 어려운 일을 합니다:
OpenAI에서 AGI 개발
SpaceX에서 로켓 설계
Tesla에서 자율주행 기술 개발

결국 시장이 양극화되고 있습니다.
→ 제품 빌더는 1인 기업가가 되고
→ 최고급 엔지니어는 헤지펀드급 연봉을 받고
→ 중간층은 사라지고 있습니다.

2025년의 '소프트웨어 엔지니어'는 2020년과 전혀 다른 의미가 될 것입니다.

blame the end of free money. But something way more interesting is

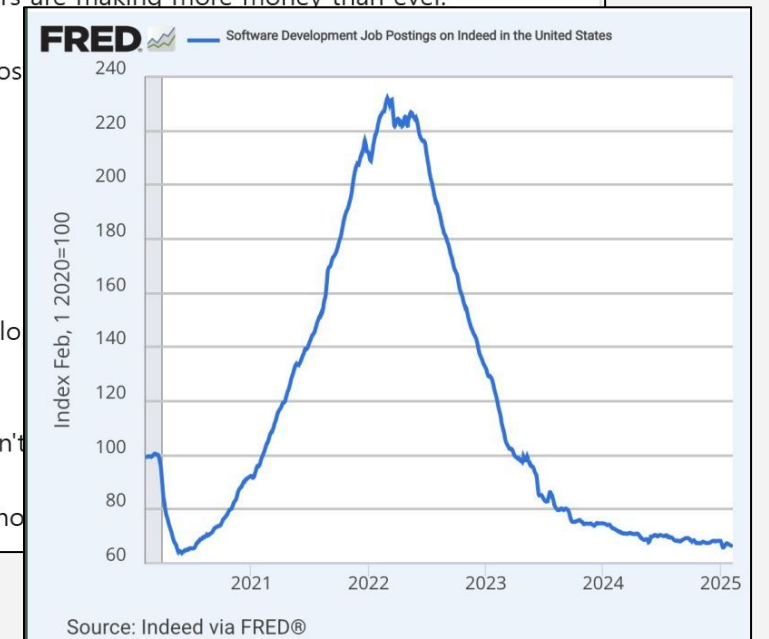
class engineer is dying. And it's dying because they're not needed

ev with Github Copilot, Cursor, Bolt etc ships what entire teams did o. Microsoft just reported the highest revenue per employee in

level engineer" doesn't exist anymore.

have product builders who happen to code. Armed with AI, they ship cts in days.

the truly elite engineers are making more money than ever.



https://www.linkedin.com/posts/gisenberg_this-chart-is-nuts-software-developer-jobs-activity-7295803991660085248-JWss?utm_source=share&utm_medium=member_desktop&rcm=ACoAAASFruYBHmcDrySvGyNnOpSlabY3-BLYDVs

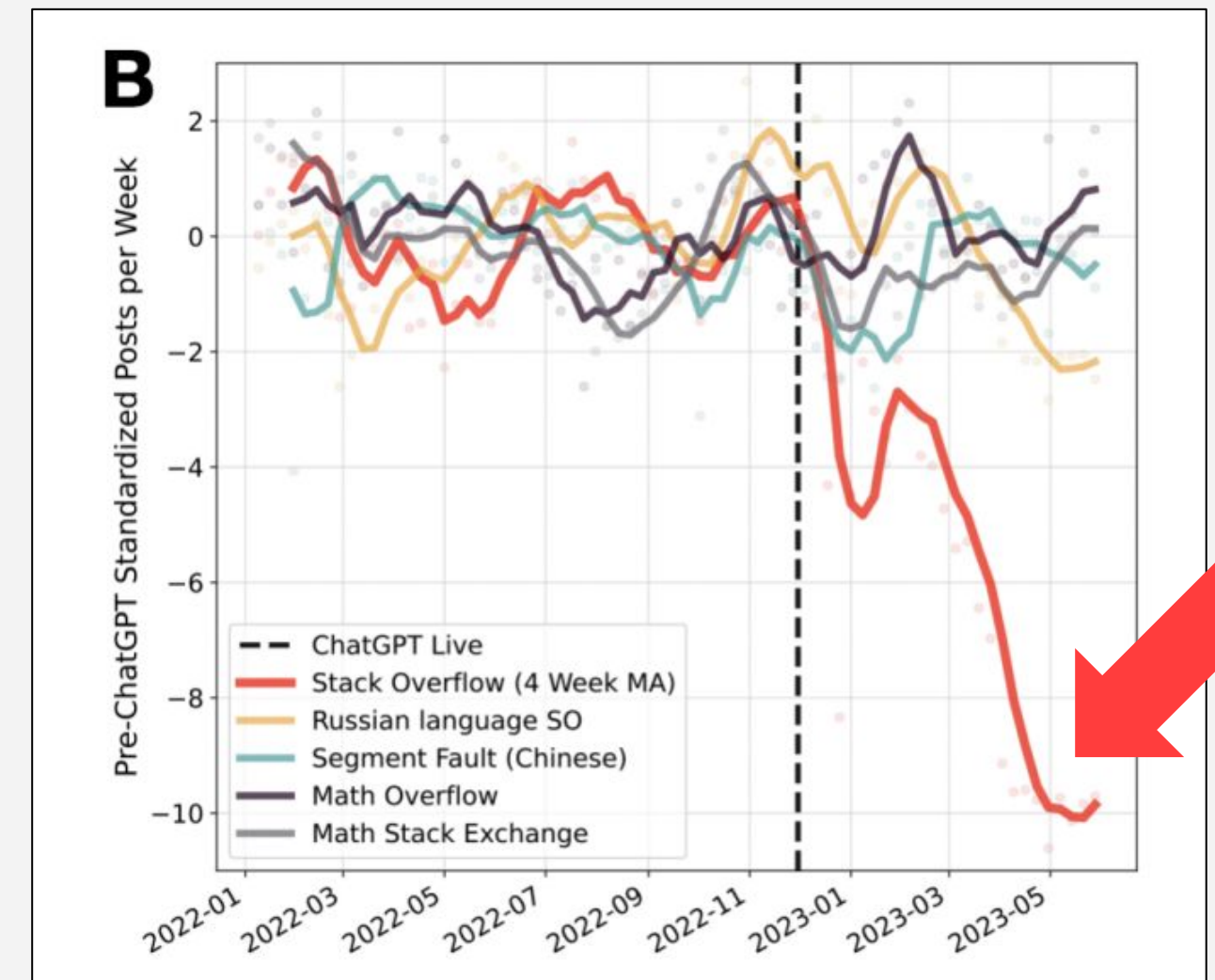
지식의 가치는 희소해진다

ChatGPT = 2022년 11월

과거에 비해 20% 수준 (1/5토막)

질문은 무료로 무한히 할 수 있게 되었다.

답변도 무한히 나오지만 과연...?



<https://arxiv.org/pdf/2307.07367>

지식의 가치는 매우(!) 희소해진다

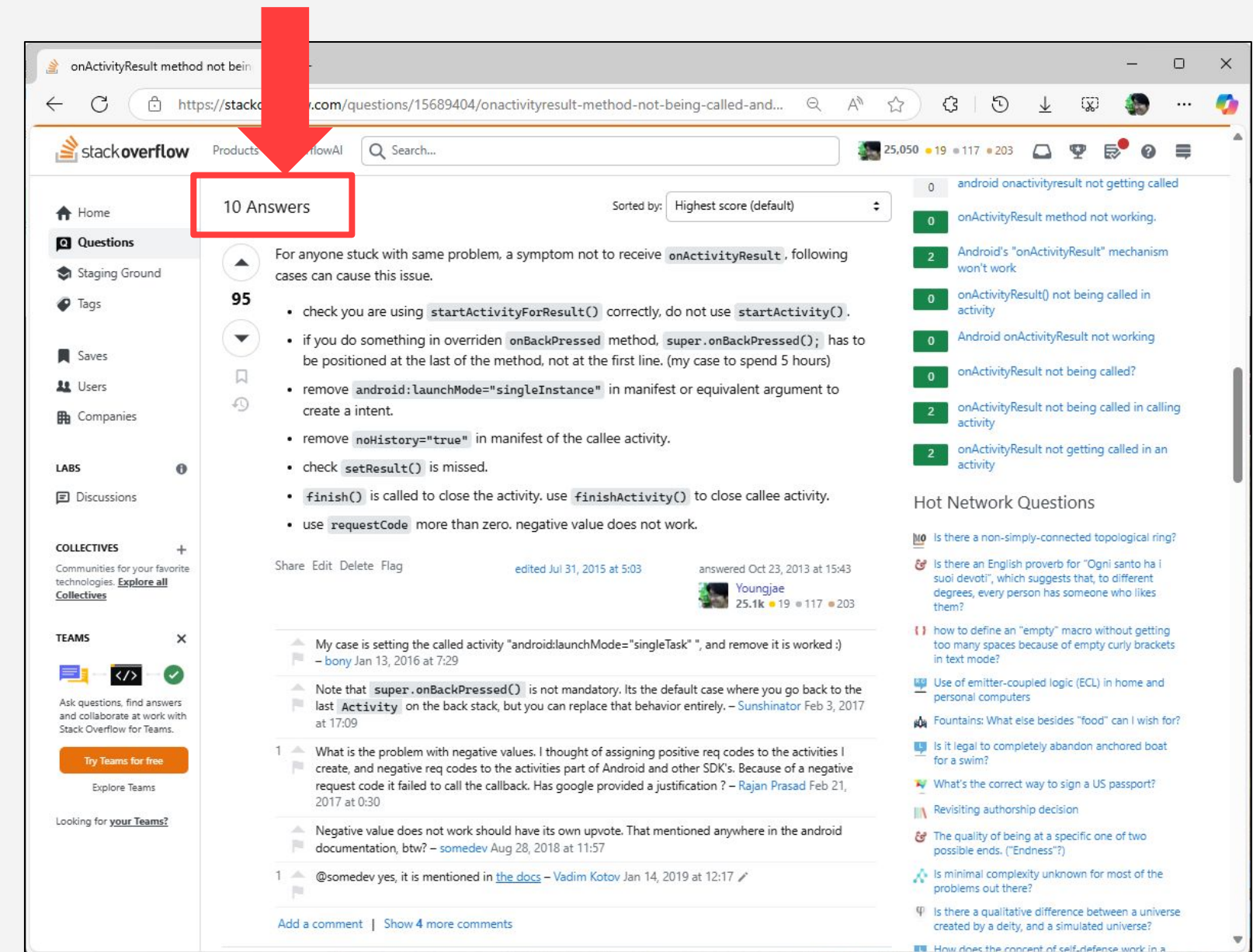
조금 어려운 질문은 답변이 5개 이상

= 5번의 시행착오

아무리 시에 물어봐도 답이 맘도는 경험

⇒ 시행착오의 가치가 높아진다

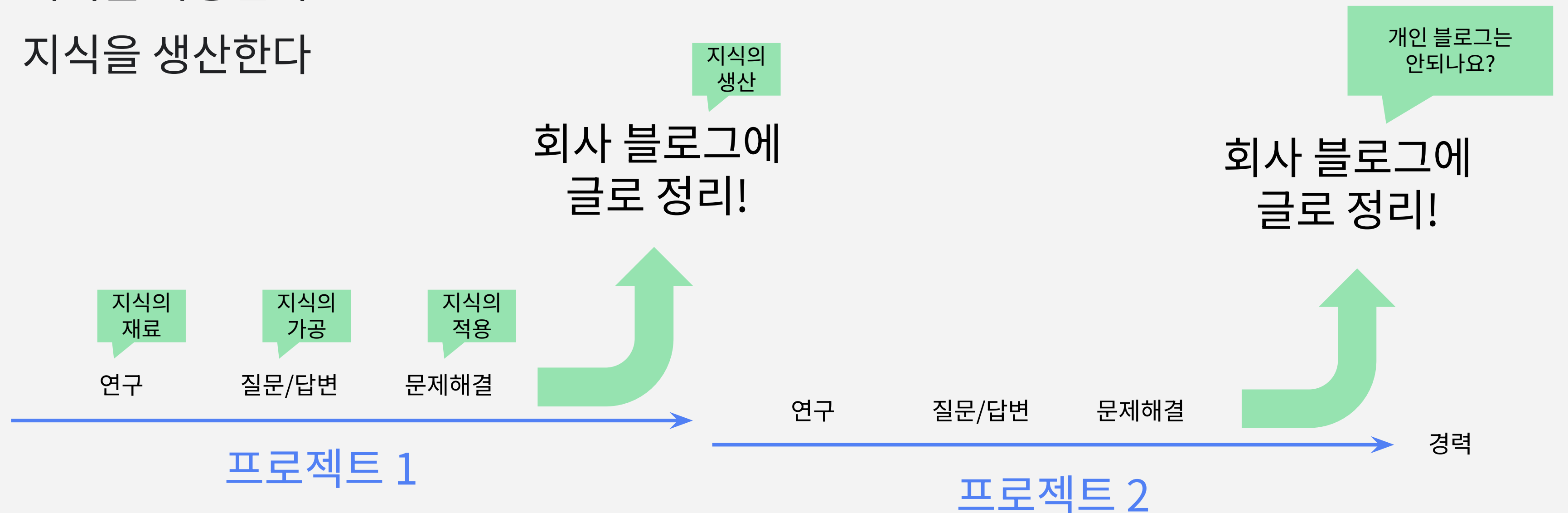
⇒ 시행착오를 진득하게 하고 공유할 줄 아는 사람



나의 경험을 시작과 끝이 있는 완결된 지식으로 가공하기

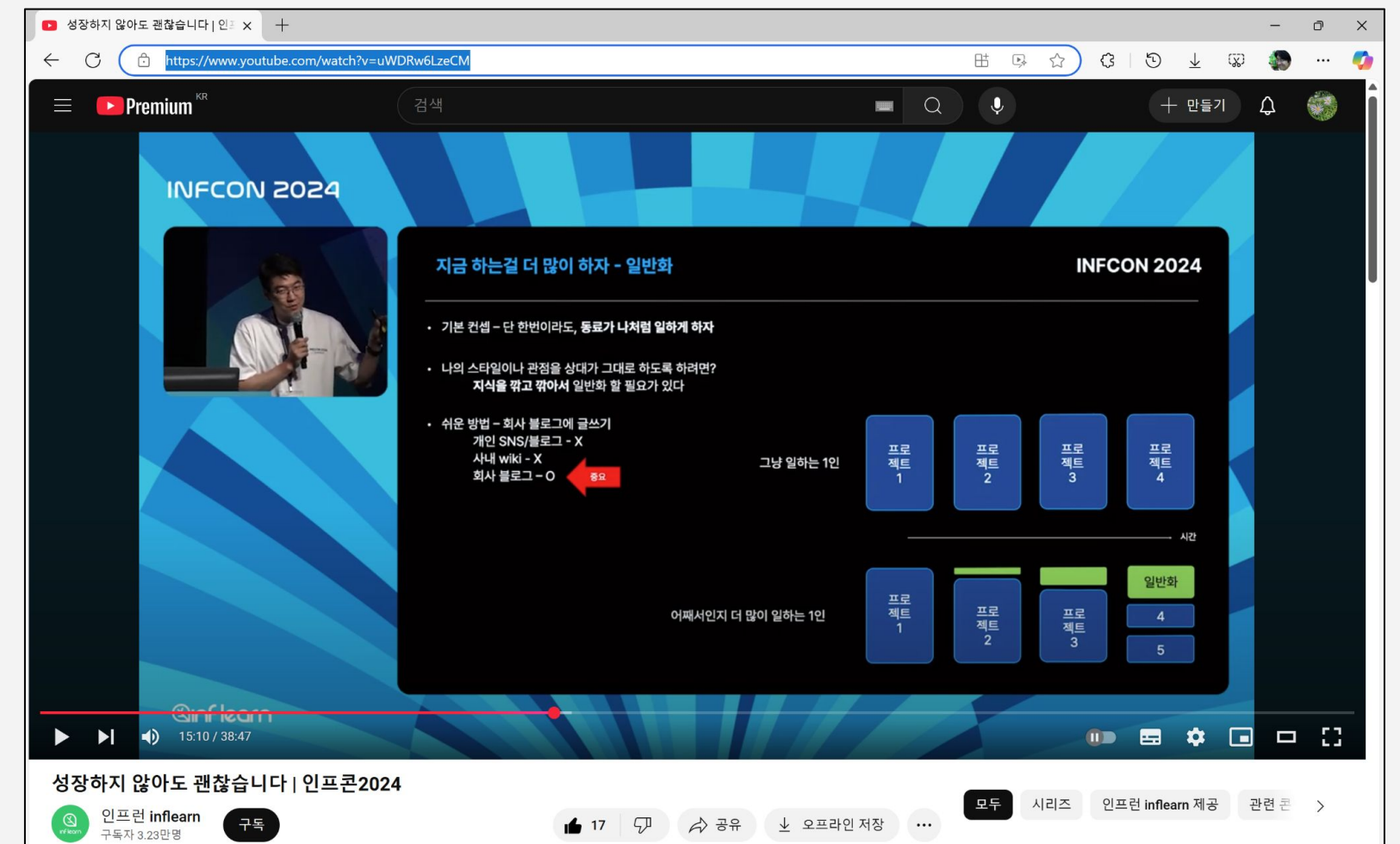
지식 노동자가 하는 일

1. 지식을 가공한다
2. 지식을 생산한다



부록 - 왜 회사 블로그에 글 쓰는게 지식을 만드는데 좋은 훈련인가

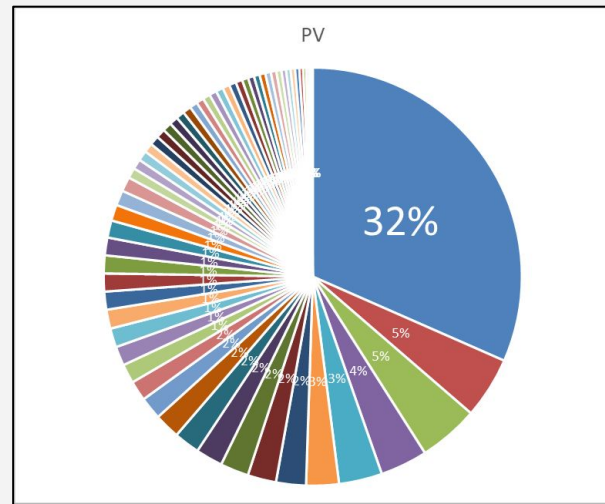
- 인프콘 2024 (2024.8) “성장하지 않아도 괜찮습니다”
- 14:00 지점



<https://www.youtube.com/watch?v=uWDRw6LzeCM>

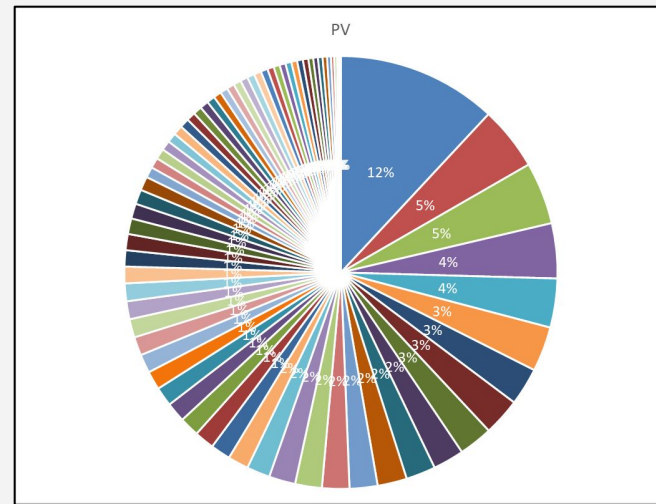
숨 쉬듯 반복하다보면... 어느덧 지식의 생산자가 된다

- LY 기술 블로그 2024 통계

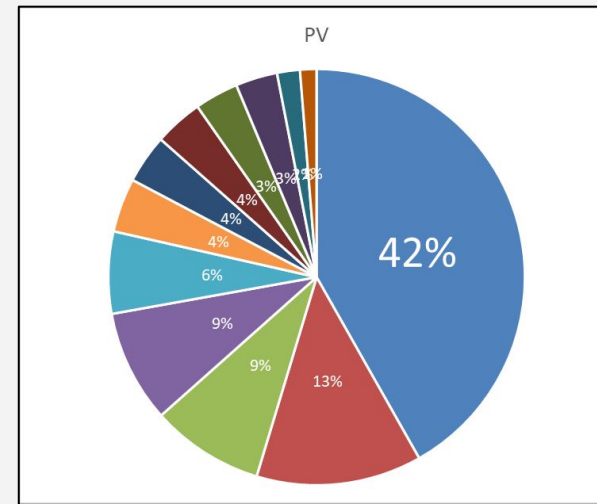


전사 내 팀 공헌도
32%

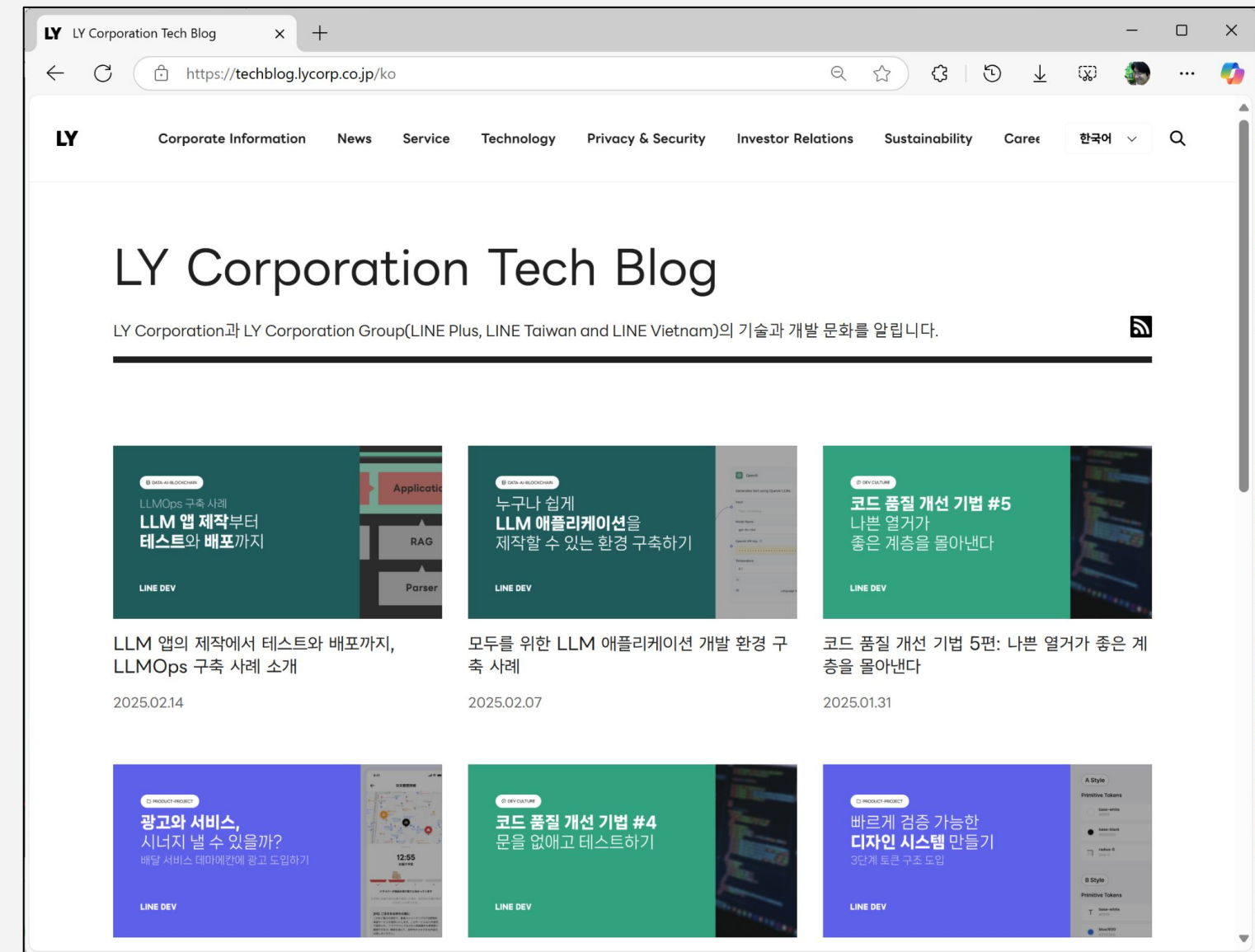
-
60/1,000명
6%



전사 내 개인 공헌도
12%



팀 내 개인 공헌도
42%



<https://techblog.lycorp.co.jp/ko>

Thank You

김영재

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