Hi, I am Chinnachart Pianpholdeesakul. Nice to finally meet you in person!

After graduating from university, I worked in Software Engineer for 13 years. But 7 years ago, I started working in Software Engineer and my experience in software development and After, In 2018, I started working in Management and leadership in Senior-level definitely helped. I was able to help the company consistently hit its targets and grow their brand in the industry. I know that you’re looking to grow your influence online, and that’s why I applied for the position Team Lead Software Engineer”

**Question 1: Please introduce yourself.**

First of all, thank you for giving me the opportunity to talk and interview today. and most importantly, the words that I have clarified I give you the true value. And to show sincerity and to be thankful that I was given the opportunity to talk and interview today.

Initially, I would like to start by sharing my work experience from the present to the past.

The latest company, I am currently in the position of Lead Software Engineer, working for the London Stock Exchange company, my duty is to migrate and backoffice systems in the Post-Trade process. The software I am developing is Software that displays chats, trades, trades and other related content. In the form of sending data as a Socket Server and receiving data as a Socket Client, the languages used are CSharp [.net], C++ and Java.

In terms of data storage or Database, it will be stored as Utilities with Tools SQL Server and Oracle19c.

Our work style will work in Agile Management style, causing the work style to be separated into sub-tasks in each sprint, but that's just a process that we can define when starting a sprint because actually during a sprint, there will always be an issue or a bug. throughout the Sprint and that was a good experience.

Later, in AIS, I was assigned to develop Blockchain Technology software in the form of Infrastructure. Of course, that process going from Explore to Design, Coding, Testing, Integration, Final Test, and Deliver Project sounds like nothing, but this is just a tip, because actually the process starts from Research, Explore, Design Workflow. (Flowchart, Activity Diagram, Sequence Diagram) When it comes to the language used, it is divided into 3 roles: Frontend uses Typescript, JavaScript, HTML, CSS.

Backend uses Golang, JavaScript, Typescript, Csharp and Smart-Contract uses Solidity language.

The projects I worked on were Decentralized-Identity, Mobile Validator, Network-Communication and NeXTClan. You may feel that what benefits are gained from Blockchain? Of course, I gained something that I didn't know at all. and know that blockchain technology There is still much to be researched and developed.

Later in Toyota Company, in this section, I have looked at Project Management and Technical concurrently. The language used is Csharp [,net] and data is stored with SQL Server.The projects that I have done are Cross-Platform (Migration), Internal Project (Category), Booking Desk.

Later in SCG logistics company, in this section, I have looked at Project Management and Technical sections concurrently. The language used is Csharp [,net] and stores data with SQL Server and Mobile Application.

The projects we have done are Mobile-Tracking, Mobile-Transportation and Mobile-Logistics.

Both of them are Toyota Company and SCG logistics.

Mainly done in the management section.

1) Management Project and Monitor

2) Work plan for each Sprint

3) Solve problems in terms of resoucre and needs of the team in various fields.

4) Coordinate with all involved teams and proceed to deliver the work as planned.

5) Make a balanced spending plan.

6) Deal with and solve immediate problems

7) Design and analyze projects according to the business of the organization.

and the other leg Role Team Lead Dev

1) Review code before deploying or pushing to branch main

2) Give advice to the team and help each other think of solutions to various problems.

3) Design and analyze the database system. Including the structure of Web-based, Web-App, Mobile-App, Database.

4) UX/UI design with Creative design team

5) Approve work in each step.

And the first company is Lertvilai Company, doing business in automation and robotic systems. My responsibilities started from control system design factory electrical system Telecommunication system, including the interface between machine to robotic. In this case, I will delve into the software that is used. It is C++ for writing machine to robotic interface and Csharp in the form of Socket Server-Client in TCP-IP format. To the project that will be Welding-Machine system, Sorting system, Crane-Robotic System, Conveyer-logistic, Robotic-Gripper.

The nature of the work is divided into

Hardware and Software. The essence is

1) Use mathematical models to design algorithms for robots.

2) Write a program to control the operation of the interface machine.

3) Engineering design and drawing review

4) Production control and immediate problem solving

5) Consulting technicians

6) Survey, install and provide service at Lukta's factory on site.

7) Calculate cost and estimate materials per project

8) Plan every step of the work before starting the project.

9) Anticipate potential problems.

10) Solve problems and communicate with customers, sub-contractors, technicians and related parties.

**Question 2 Do you use Agile or what methods do you use in Project Management?**

However, agile is a potentially error-prone solution. This approach has both strengths and points that need to be taken into account when implementing it. which is no different from other project management approaches The use of agile working concepts also has drawbacks and challenges that can disrupt operations if not managed properly. The same goes for the waterfall concept.

**Question 3. The main hurdle in getting started. Implement AGILE project management in the organization.**

From the trend of Agile project management that has been strong and popular in the past several years. Many organizations are trying to apply Agile project management methods to their own projects. with the expectation that The project will deliver the work that meets the needs of customers more. Adapt to change faster And deliver work faster, but adopting Agile project management methods may not be suitable for every organization. and still want Lots of adjustments In this article, the author would like to share experiences and obstacles encountered from adopting Agile as a preventive and remedial approach for organizations that adopt Agile methods.  
  
1. Misunderstanding that Waterfall project management requires detailed planning from the beginning of the project. and rigorous in working according to the plan But Agile project management does not require a clear plan. and constantly changing plans in fact Agile event planning focuses on prioritizing tasks. And divide the delivery of work into rounds called Iteration or in the case of Scrum, which is a form of Agile, called Sprint and focus on clear planning for the work in the first Sprint, the work in the later Sprint will be plan broadly and will clarify the details later as more information becomes available. Every time at the end of each Sprint, the knowledge and experience gained will be used to improve the plan in the next Sprint to reflect the actual situation of the project as much as possible. It would not be so cheap, on the contrary, Agile work requires planning. and follow up on the actual situation of the project at all times and quickly adjust the plan to match the project conditions This is a planning that requires more time and attention than waterfall management.

2. Agile project management requires a team both in technical and business departments Get involved in working and pushing the project together a lot. Business departments need to be involved in designing, reviewing and providing technical advice. and vice versa Technical departments also need to understand the needs and expectations of the business department. in order to work together to create work that meets the needs of customers and one major obstacle Often occurs in organizations that have a Silo-Based work culture or different people performing their own duties. And will contact and coordinate according to the specified process only Including looking at the project goals from different perspectives or have less time to communicate with each other because they have full-time jobs to take care of Causing unable to devote energy to help each other work on the project therefore focusing only on doing their best in their roles But lack of looking at the overall goals of the project.

3. Various requirements of the project or contract form in the project Due to the Waterfall methodology, the project team was not able to fully apply Agile. because it does not comply with the terms or contracts agreed with the customer Such obstacles often occur with government agencies that often specify in the contract to deliver the work according to the waterfall phase and impose penalties if the contract is breached. Causing the team to manage the project and deliver work in a waterfall style because if it works and delivers work in an agile way, it will not be in accordance with the contract period.

4. Agile project management doesn't just change how you work on projects. but also to change the work culture The Agile work expects the team to be responsible and manage themselves. without waiting for orders or follow-up from others This can be seen from setting up a short meeting every day to exchange and report on work progress called Daily Standup Meeting or in the case of Scrum, called Daily Scrum in actual work. If the team is irresponsible and unable to manage themselves, the Daily Standup meeting is nothing to report on. and cause stress pressure and boredom Because such meetings happen every day.

5. From the above description, it can be seen that the use of Agile in the organization Must focus on adjusting the method of project planning. Adjust the way of working to have the same goal. Breaking the Silo-Based Way of Working and Creating a Team Culture able to manage themselves which mainly relies on organizational culture adjustments But one of the main obstacles is the understanding of executives who want to use Agile in their organizations. By using the method of ordering, determining, doing, or setting KPIs for the team to use the Agile method to be used within 3-6 months without adjusting the way of thinking or organizational culture to be ready This will result in Agile work in the organization will only be able to work according to the specified process. But it was unable to actually improve the efficiency of the project as expected.

From the 5 obstacles mentioned above It's something that happens to many organizations. which in the next article The author will tell you about a step-by-step approach to applying Agile project management for startups.

Finally, I'm sure and believe that I have the following abilities.

Platform: NodeJS (Expert), ReactJS (Expert) , AngularJS (Expert) , Asp.Net (Expert), WepApi-C# (Expert), Go, Solidity, Java and C++

Language: PHP, Javascript, Go, Solidity, Java and C++

Framework Expertise: AWS Lambda, RDS, S3, EC2, GitHub, Docker, Restful API, AJAX, JSON, SQL (SQL server, Oracle) and NoSQL (MongoDB)

In the Experience

I can designed, developed, tested and deployed multiple web applications and Understand the web, and mobile marketplace and how those mobile applications access and share data with back-end systems. So, I work experience 5-10 years in web service development and I have knowledge E-Commerce.

Strong "People Person" with excellent verbal and written communication skills.

Ability to work in a Pair Programming and Peer Review model where code is shared and evaluated by the team.

In the Responsibility:

I'm sure in the Report to IT & Digital Engagement Department

I'm sure in the Web Service Management

I'm sure in the Online commerce Development

I'm sure in the Project Management for web and mobile application.

\*\*\*\* Noted \*\*\*\*

I really appreciate the chance to have an interview with you today. Thank you so much.