

ALX Foundations: Milestone 13 Worksheet

SECTION A: Tech Track Reflection

Step 1: Track Choice

Which tech track (AWS, Salesforce, Data Science, Data Analytics or Software Engineering) are you planning to pursue? It's ok if you're not still not absolutely certain, but you should select your most likely choice. Please list the number of weeks or months that your chosen track takes. (So that we know you know!) 😊

Step 1: Chosen Tech Track

A. Track choice:AWS

B. Track length (12 weeks, 14 weeks, 42 weeks, or 1 year):14 weeks

Step 2: Three Reasons

Please reflect on your why for pursuing your chosen tech track. List 3 reasons why this track appeals to you personally / why you want to pursue it.

Step 2: Reasons

A. AWS is the leading cloud computing platform. As the most popular and widely used cloud computing platform in the world, there is a large demand for AWS skills. Therefore, if I learn AWS, I will be in high demand by employers.

B. AWS offers a wide range of services: AWS offers a wide range of cloud computing services, from infrastructure to machine learning and artificial intelligence. This allows me to specialize in a particular area of cloud computing or to have a broad understanding of the entire platform.

C. AWS is easy to learn: AWS is relatively easy to learn compared to other cloud computing platforms. This is because AWS has a large community of users and

developers who can help with troubleshooting and support.

Step 3: Desired Job/Position

After you complete your tech track, what would be your ideal job title or position?

Step 3: Job title/Position you want

AWS Cloud Engineer

Step 4: Expected Obstacle(s)

Everything worth doing will have hard parts. Please list at least one challenge or obstacle that you expect to encounter during the course of your studies in the coming weeks/months.

Step 4: Challenge(s)/Obstacle(s)

Time management: Balancing coursework, exams, and other responsibilities can be challenging for me. With increased academic workload, I may need to manage My time effectively to avoid stress or burnout.

Step 5: Support plan

Please list at least 2 ways you will deal with the challenge(s)/obstacle(s). It could be seeking support from others, a specific way you will resource yourself or schedule your time, or something else. (There is no right or wrong answer– this is for you.)

Step 5: Ways to deal with challenge(s)/obstacle(s)

- A. **Create a schedule:** Make a schedule that includes all my coursework, exams, and other responsibilities such as work or personal commitments. This will help me to visualize my workload and manage my time more effectively.
- B. **Prioritize tasks:** Prioritize my tasks based on their importance and urgency. This will help me focus on the most important tasks and avoid procrastination.
- C. **Break tasks into smaller chunks:** Breaking tasks into smaller, more manageable chunks can help me avoid feeling overwhelmed and make it easier to tackle larger projects.

Step 6:

Do some web research to learn more about how technical teams work in your specific field. Look at at least 3 sources. Then, list at least 3 roles that you may find on a technical team in your field, and briefly state what each does. List at least 1 source where you found this information.

Step 6: Technical Teams in Your Field

Role A / Description:

Cloud Security Engineer: A Cloud Security Engineer is responsible for designing and implementing security measures to protect cloud-based systems and applications. They work closely with the Cloud Solutions Architect to ensure that security is integrated into all aspects of cloud-based solutions.

Role B / Description:

Cloud Operations Engineer: A Cloud Operations Engineer is responsible for the day-to-day monitoring and maintenance of cloud-based systems and applications. They work closely with the Cloud Solutions Architect and Cloud Security Engineer to ensure that systems are running smoothly and that any issues are resolved quickly.

Role C / Description:

Cloud Solutions Architect: A Cloud Solutions Architect is responsible for designing and implementing cloud-based solutions that meet the needs of the business. They work closely with other members of the technical team and collaborate with stakeholders to determine the best approach to building and deploying cloud-based solutions.

Source(s) of above information:

- <https://www.simplilearn.com/top-roles-in-cloud-computing-article>

Step 7a: Engaging with Your Industry

As you enhance your understanding of technical teams and how your tech track's industry works:

List at least 2 publications, newsletters, Youtube channels or community platforms that you have followed or subscribed to.

Step 7a: Engaging with Your Industry

Subscription #1 Cloud Computing News (<https://www.cloudcomputing-news.net/>)

Short Description:

Is a website that provides news, analysis, and resources related to cloud computing. The website covers a wide range of topics related to cloud technology, including applications, infrastructure, platforms, and security. It also

covers various industries that are impacted by cloud computing, such as finance, healthcare, retail, and telecommunications.

Subscription #2<https://cloud-computing.tmcnet.com/>

Short Description: The website offers news articles, columns, and features covering the latest trends and developments in cloud computing. Additionally, it provides whitepapers and other resources for IT professionals looking to learn more about cloud technology. The website also offers a free weekly newsletter that provides expert news, reviews, and resources tailored specifically for cloud computing.

Step 7b: Learning About Your Industry

As you enhance your understanding of technical teams and how your tech track's industry works:

Share URLs for at least 3 relevant videos that you found and watched on Youtube. (**Not** from the playlist provided later.)

Step 7b: Learning About Your Industry

Youtube Videos Engaged With:

#1:https://www.youtube.com/watch?v=a6us8kaq0g&ab_channel=PowerCertAnimatedVideos

#2:https://www.youtube.com/watch?v=1ERdeg8Sfv4&ab_channel=LucidSoftware

#3:https://www.youtube.com/watch?v=r4Yldn2eTm4&ab_channel=Simplilearn

Step 7c: Industry Professionals

Go to LinkedIn.com. (If you don't have an account already, you can create one. We will work on building/improving your profile later.) Play around with searching for people. Find 3 people who have worked in your chosen field for at least 2 years that have careers that look interesting to you. Ideally these individuals would be on the African continent, but that is not required.

Provide their names and urls of their profiles here.

Step 7c: Industry Professionals

Name 1:Wondwosen Tadesse

URL 1:<https://www.linkedin.com/in/wondwosen-tadesse-994842146>

Name 2:Naod Mekonnen

URL 2:<https://www.linkedin.com/in/naod-mekonnen-63323121a>

Name 3:Jemeila Abrha

URL 3:<https://www.linkedin.com/in/jemila-abrha-8820ba98>

Step 8: Interview an Expert or Watch Expert Interviews

It's important to be curious and always asking questions. What have you wondered about your chosen field but not found an answer to? Your questions may be about what job positions are available, how satisfied people are in your chosen career, paths to advancement, how readily available remote work vs. local work is, the largest employers in your field, or anything else related!

In this activity, you have 2 options - **Choose 1:**

Option A: Interview an Expert in Your Industry

Option B: Watch Expert Interviews

Choose 1 option and delve right into the activity below!

Step 8- Option A: Interview an Expert in Your Industry

We have prepared an [Interview Guide](#) (including a template for you to use when you message experts on LinkedIn or other platforms).

The Interview Guide should help you prepare and conduct interviews with the industry expert. During the interview, take down notes to answer the following questions:

Step 8 - Option A: Expert Interview Insights

A. From the expert's perspective, what is the demand for employees in this specialization, globally and locally?

Demand for employees in the field of cloud computing is generally high both globally and locally. Cloud technology has been rapidly adopted across various industries, and there is a growing need for professionals with skills in cloud architecture, security, and management.

B. What kind of preparation did the expert undertake to get where s/he is today in their career?

Preparation for a career in cloud computing can vary depending on the specific area of specialization. However, having a solid foundation in computer science, programming, and networking is essential. Additionally, many professionals in the industry have pursued certifications such as AWS Certified Solutions Architect.

C. What is one piece of advice for how I can be successful in the field?

One piece of advice for success in the field is to stay up-to-date with the latest developments and trends in cloud computing. This can be done by attending industry events, reading relevant publications, and participating in online communities.

D. What are my 2 biggest takeaways from the interview?

My two biggest takeaways from this interview are that demand for cloud computing professionals is high and that continuous learning and skills development are essential for success in the industry.

Step 8 - Option B: Watch Expert Videos

We have prepared a Youtube playlist for each specialization:

- [Data Analytics/ Science track](#)
- [Salesforce track](#)
- [AWS track](#)
- [Software Engineering track](#)

Choose 1 specialization's playlist and watch the videos from the playlist. As you watch the videos, answer the following questions:

Step 8 - Option B: Expert Video Insights

- A. What are the job prospects looking like for my specialization, globally and locally?**
- B. What kind of preparation must I make to become successful in this industry?**
- C. What types of content do I need to consume on a regular basis to keep up to speed with my industry?**
- D. What are my 2 biggest takeaways from the videos?**

Step 9: Information Exchange – Hub Activity #1

For your first hub activity, find at least 1 peer, and ideally a group of 2 or 3. We encourage you to find people who have chosen the same field/tech track as you, but it is ok if they have a different track. Please share your answers to Steps 1-8 with one another, then answer the questions in the Step 9 box.

Step 9: Information Exchange

A. List the first and last name of at least 1 peer that you met with for this activity:

Ephrem Belaine

B. What is one thing you learned from your peer/group?

I'm grateful for the opportunity to learn from my peer. He has helped me to grow and develop as a person . I am excited to continue learning from him in the future..

C. What is one new question or curiosity about your industry that you have after exchanging information with your peer/group?

We were talking about how AI is changing the way we work and education, and I'm curious to see how it will continue to impact our industry in the years to come.



Please go back to Canvas and continue with your learning content. You will be prompted on when to return to complete Section B.

SECTION B: Hub Activity #2

Step 10: Reflection on Hub Activity: Imposter Syndrome

Who was the first and last name of the peer you partnered with on this exercise?

Step 10: Peer Name

Ephrem Belaine

Step 11: Strategies

What strategy did you select? What strategy did your peer select?

Step 11: Strategy

A. Your strategy:

Focus on my strengths. Everyone has strengths and weaknesses. When I'm feeling down, focus on my strengths. What am I good at? What do I enjoy doing?

Set realistic expectations. Don't expect to be perfect at everything I do. Everyone makes mistakes. Learn from My mistakes and move on.

B. Your peer's strategy:

Acknowledge His accomplishments. Make a list of his accomplishments, big and small. This will help him to see that he has achieved a lot, and that he is capable of great things.

Step 12: Strategy Implementation

Describe what steps you took toward completing your strategy, and what steps your peer took toward completing theirs?

Step 12: Strategy Implementation

A . What steps did you take?

- Acknowledge my feelings of imposter syndrome.
- Challenge my negative thoughts about myself.
- Focus on my strengths.
- Set realistic expectations.

- Seek support from friends, family, therapist, and **mentor**.

B. What steps did your peer take?

- Acknowledge His accomplishments, big and small.
- Seek out challenges at work.
- Network with people in his field who he admires.
- Be patient with himself.

Step 13: Bio

Please share at least 1 piece of feedback from your peer that you got on your bio.

Step 13: Feedback Received
<ul style="list-style-type: none">• "I think you could improve the flow of your bio by using more transition words and phrases. This would make it easier for the reader to follow your train of thought." <p>I thought this was great feedback, and I took it to heart. I added some transition words and phrases to my bio, and I think it made it easier to read and understand.</p>

Step 14: Bio

Please revise your bio to incorporate the feedback you received. Paste your best, most up-to-date version of your bio here. Remember, your bio is written in the 3rd person, narrative paragraph form (not a bulleted list) and it includes the following information:

1. Your name
2. Your current role or professional tagline

3. Your company or personal brand
4. Your goals and aspirations
5. Your 2 - 3 most impressive and relevant achievements

Step 14: Bio

Tibebeselassie Tilahun is a driven student with a passion for learning and helping others. With a focus on academic excellence, he is dedicated to achieving his goals and aspirations. Tibebeselassie is committed to making a positive impact in his community and beyond.

Although he is currently a student, Tibebeselassie has already achieved several impressive accomplishments. He has consistently maintained a high GPA. Additionally, He has demonstrated strong leadership skills through his involvement in various extracurricular activities.

Tibebeselassie's ultimate goal is to succeed in his future career and make a meaningful contribution to society. He is committed to continuous learning and personal growth, and is always seeking new opportunities to develop His skills and knowledge.