

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):

11 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. I think cloud computing is going to become a staple for any business world wide.

B. I think it is vital for the growth of small and medium sized enterprises in Africa

C. I think it makes for a very lucrative career path.

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 solutions architect

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)

The certification examination is set to be quite tricky and requires a lot of study to have all AWS concepts on my fingertips.

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. I will be working with a thoroughly revised timetable to ensure I'm on top of my studying.
- B. I will be listening to channels and reading publications dedicated to AWS to ensure I'm familiar with all necessary concepts.

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:

Solutions architect - Is responsible for helping customers successfully implement cloud technologies.

Role B / Description:

Cloud engineer - set up and manage the cloud infrastructure

Role C / Description:

Cloud Security engineer - design and implement security measures to protect cloud environments from potential threats and vulnerabilities.

Source(s) of above information:

Tech with Lucy

Andrew Roe

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: Tech with Lucy

Short Description: Lucy is an AWS solutions architect with a youtube channel that aims to spread awareness of the different roles within her team and how one could realistically get to where she is.

Subscription #2: Andrew Roe

Short Description: Andrew is a cloud security engineer with a youtube channel geared towards letting people know what to expect where cyber security and

software engineering roles are concerned.

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:  **What I do as a Cloud Security Engineer**

#2:  **What Does An AWS Solutions Architect Actually Do?**

#3:  **What does an AWS Cloud Engineer actually do?**

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: James Juma sindani

URL 1: <https://www.linkedin.com/in/james-juma-sindani/>

Name 2: Stephen Ndolo

URL 2: <https://www.linkedin.com/in/stephen-ndolo/>

Name 3: Emmanuel Davidson

URL 3: <https://www.linkedin.com/in/emmanuel-davidson/>

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?

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

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

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

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?

They're very promising especially with growing demand and development in the industry.

B. What kind of preparation must I make to become successful in this industry?

I must have the relevant certifications in addition to a number of relevant projects.

C. What types of content do I need to consume on a regular basis to keep up to speed with my industry?

Programming, cybersecurity and cloud computing content.

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

Cloud computing is still a growing industry that requires practitioners to be flexible and to be problem solvers.

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:

Ann Kibe

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

Cloud computing goes hand in hand with most other tech tracks including Data science and salesforce

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

Given the number of new cloud computing micro-services being launched every day, how will cloud computing look like in a few years?



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

Ann Kibe

Step 11: Strategies

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

Step 11: Strategy

A. Your strategy:

Make a plan

B. Your peer's strategy:

Celebrate

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?

I have made a plan

B. What steps did your peer take?

They have laid out how they intend to celebrate.

Step 13: Bio

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

Step 13: Feedback Received

It was a too wordy

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

Welcome to my portfolio, I'm a student software engineer with a strong interest in network engineering, DevOps, Python, C, and JavaScript. My goal is to become a full stack developer by end of 2023 and to contribute my skills to a team of developers that shares my passion for creating high-quality, efficient, and user-friendly applications.
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