

AWS Free-Tier Account Creation

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Environment: AWS

Project Link: <https://github.com/Oluwaseunoa/DevOps-Projects/tree/main/Cloud%20Computing/AWS%20Account%20Creation>

1. Introduction

This mini-project aimed to guide through the process of creating an Amazon Web Services (AWS) account, from initial search to accessing the AWS Management Console. Before starting the setup, the project reviewed the basics of cloud computing and the significance of AWS as one of the leading cloud service providers.

2. Project Goals and Learning Outcomes

By the end of the project, the following goals were achieved:

- **Understanding AWS Cloud:** Learned what AWS is, its services, and why it is widely adopted.
 - **AWS Account Creation:** Successfully created a new AWS account.
 - **Navigation Skills:** Learned how to log in to and navigate the AWS Management Console.
 - **Practical Cloud Readiness:** Prepared to use AWS for future cloud-based projects.
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3. Background Concepts

3.1 What is Cloud Computing?

Cloud computing is like a virtual storage and computing environment accessible via the internet. Instead of storing files, photos, and applications locally, they are kept securely on powerful, remote servers and accessed as needed. It works like a “magical backpack” that can be accessed from anywhere with an internet connection.

3.2 What is AWS Cloud?

AWS (Amazon Web Services) is a leading cloud provider offering services like computing power, storage, databases, networking, and more — all available over the internet. It enables businesses and individuals to access enterprise-level infrastructure without owning physical hardware.

3.3 Importance of AWS Cloud

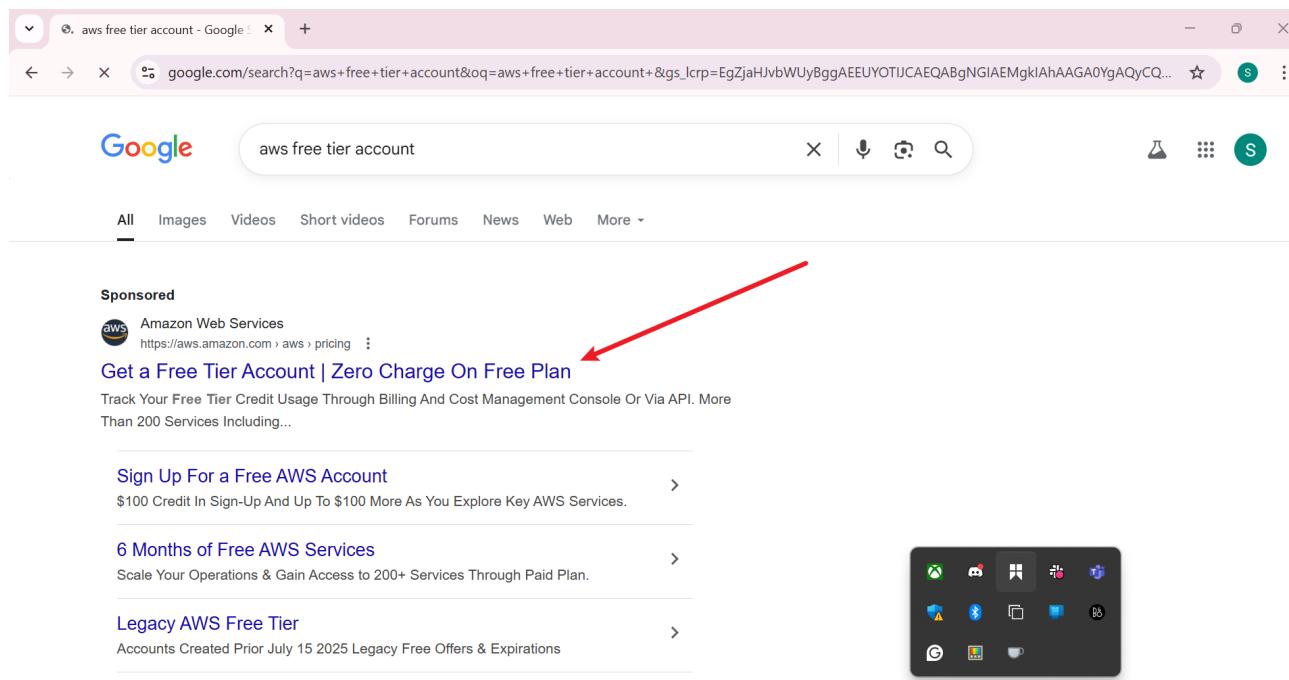
AWS Cloud allows even small startups to compete with larger enterprises by offering:

- **Pay-as-you-go pricing model** — pay only for what you use.
 - **Scalability** — easily adjust resources based on demand.
 - **Cost-effectiveness** — no large upfront hardware investment.
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4. Project Steps

The account creation process was completed in the following sequence:

1. Search for AWS Free Tier Account and click the first result



aws free tier account - Google

google.com/search?q=aws+free+tier+account&oq=aws+free+tier+account+&gs_lcp=EgZjaHJvbWUyBggAEEUYOTIJCAEQABgNGIAEMgkIAhAAGA0YgAQyCQ...

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Amazon Web Services https://aws.amazon.com › aws › pricing

Get a Free Tier Account | Zero Charge On Free Plan

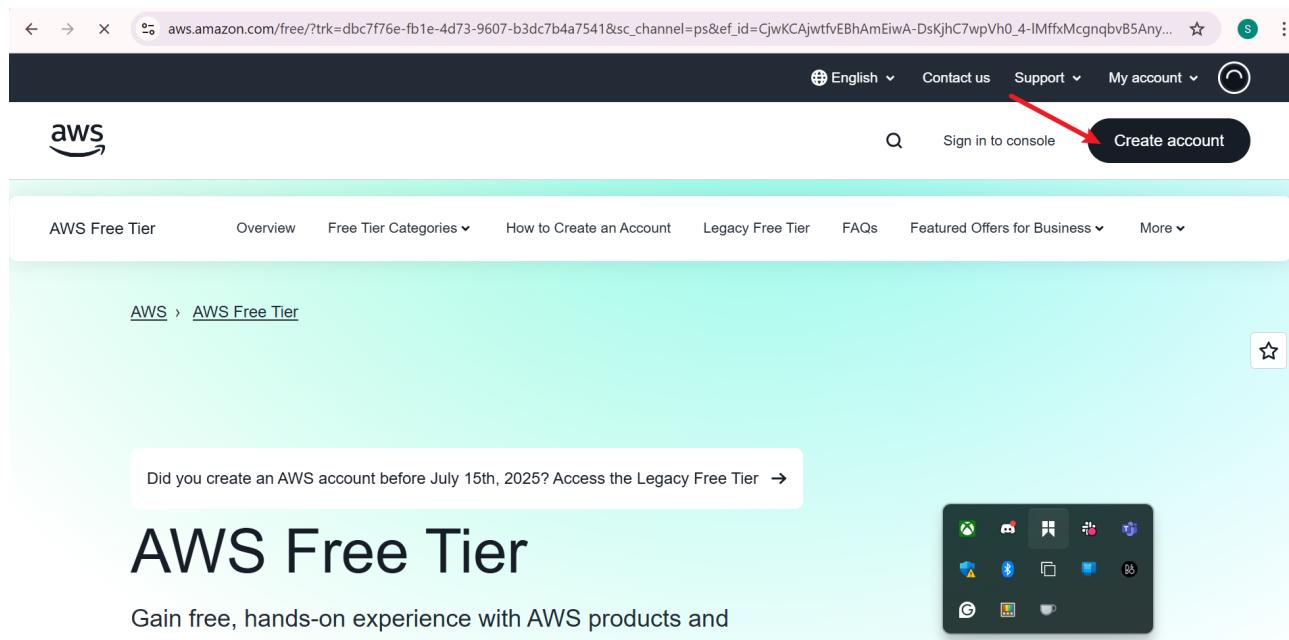
Track Your Free Tier Credit Usage Through Billing And Cost Management Console Or Via API. More Than 200 Services Including...

Sign Up For a Free AWS Account \$100 Credit In Sign-Up And Up To \$100 More As You Explore Key AWS Services.

6 Months of Free AWS Services Scale Your Operations & Gain Access to 200+ Services Through Paid Plan.

Legacy AWS Free Tier Accounts Created Prior July 15 2025 Legacy Free Offers & Expirations

2. Click "Create Account"



aws.amazon.com/free/?trk=dbc7f76e-fb1e-4d73-9607-b3dc7b4a7541&sc_channel=ps&ef_id=CjwKCAjwtfvEBhAmEiwA-DsKjhC7wpVh0_4-IMffxMcgnqbvB5Any...

English Contact us Support My account

aws

AWS Free Tier Overview Free Tier Categories How to Create an Account Legacy Free Tier FAQs Featured Offers for Business More

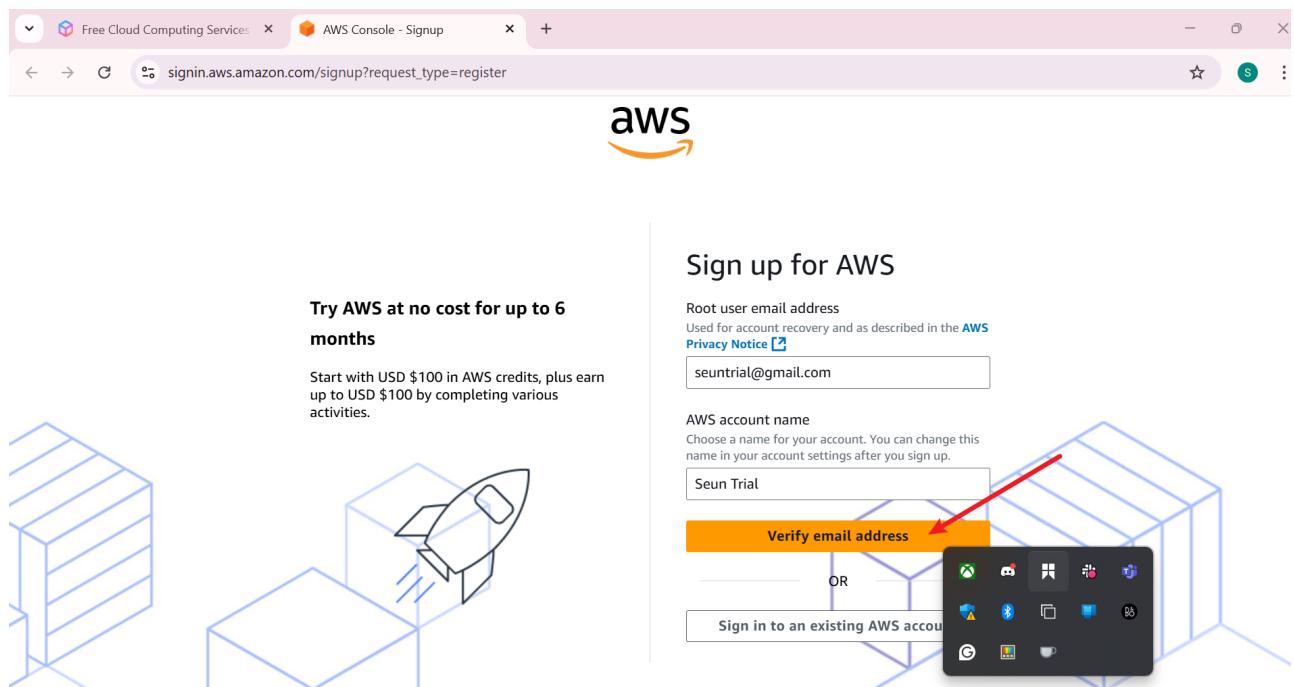
AWS > AWS Free Tier

Did you create an AWS account before July 15th, 2025? Access the Legacy Free Tier →

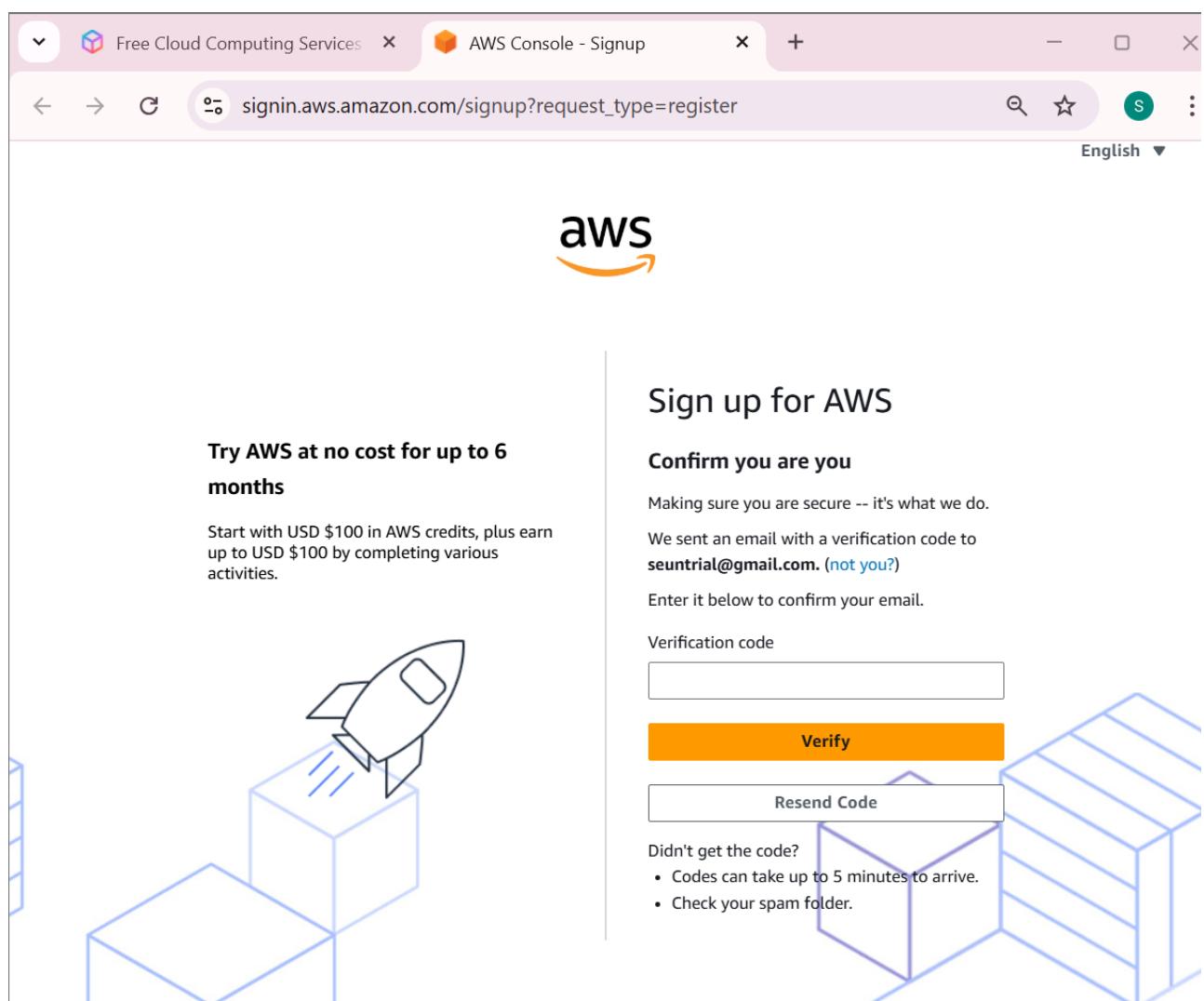
AWS Free Tier

Gain free, hands-on experience with AWS products and services

3. Fill the Sign-Up Form and proceed



4. Verification Page Appears



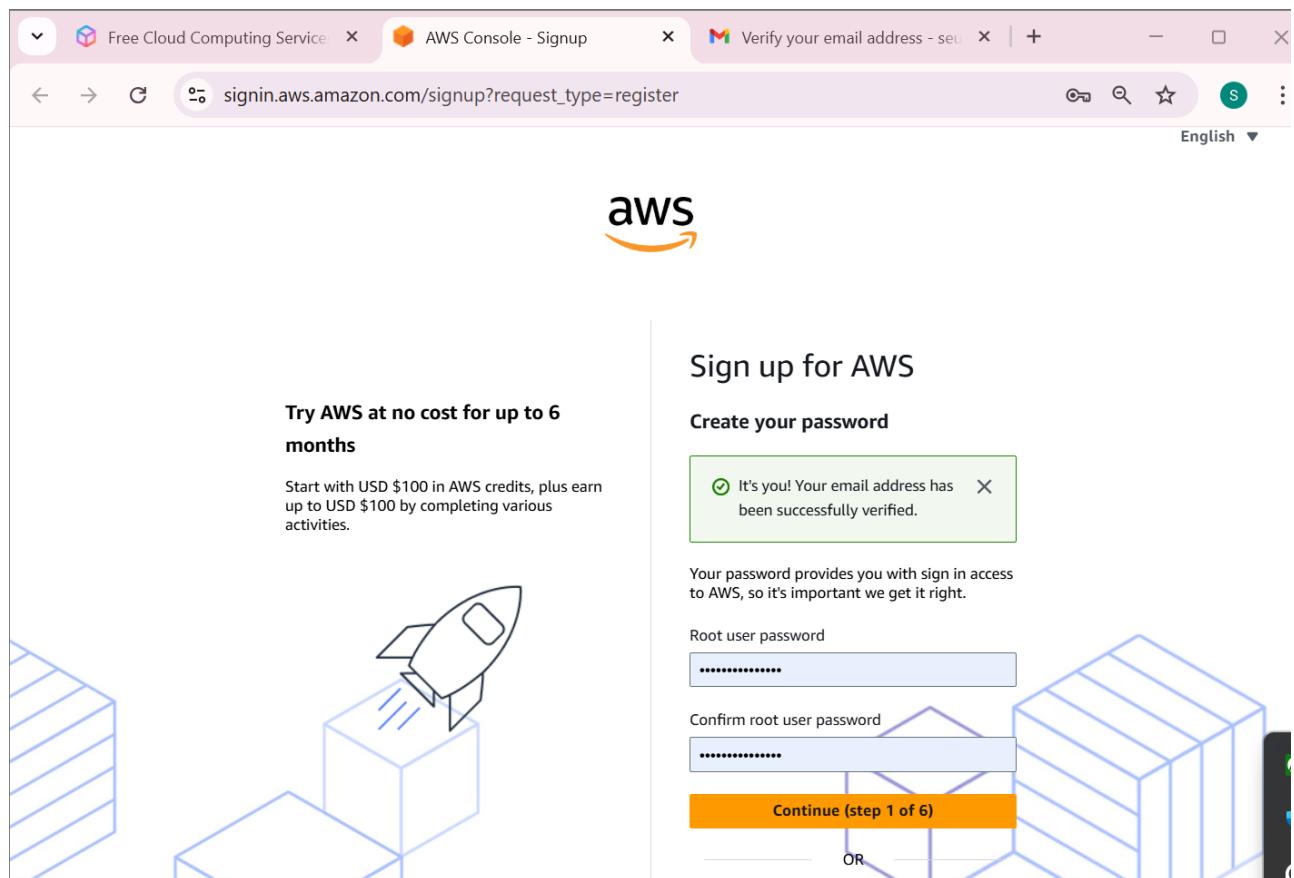
5. Copy the Verification Code from the email address provided

The screenshot shows a Gmail inbox with 368 messages. An email from 'no-reply@signup.aws' titled 'Verify your email address' is selected. The email body contains the AWS logo and a large bold verification code '903274'. A red arrow points to this code. Below it is a note: '(This code will expire 10 minutes after it was sent.)' At the bottom of the email, there is a link: 'Amazon Web Services will never email you and ask you to disclose or verify'.

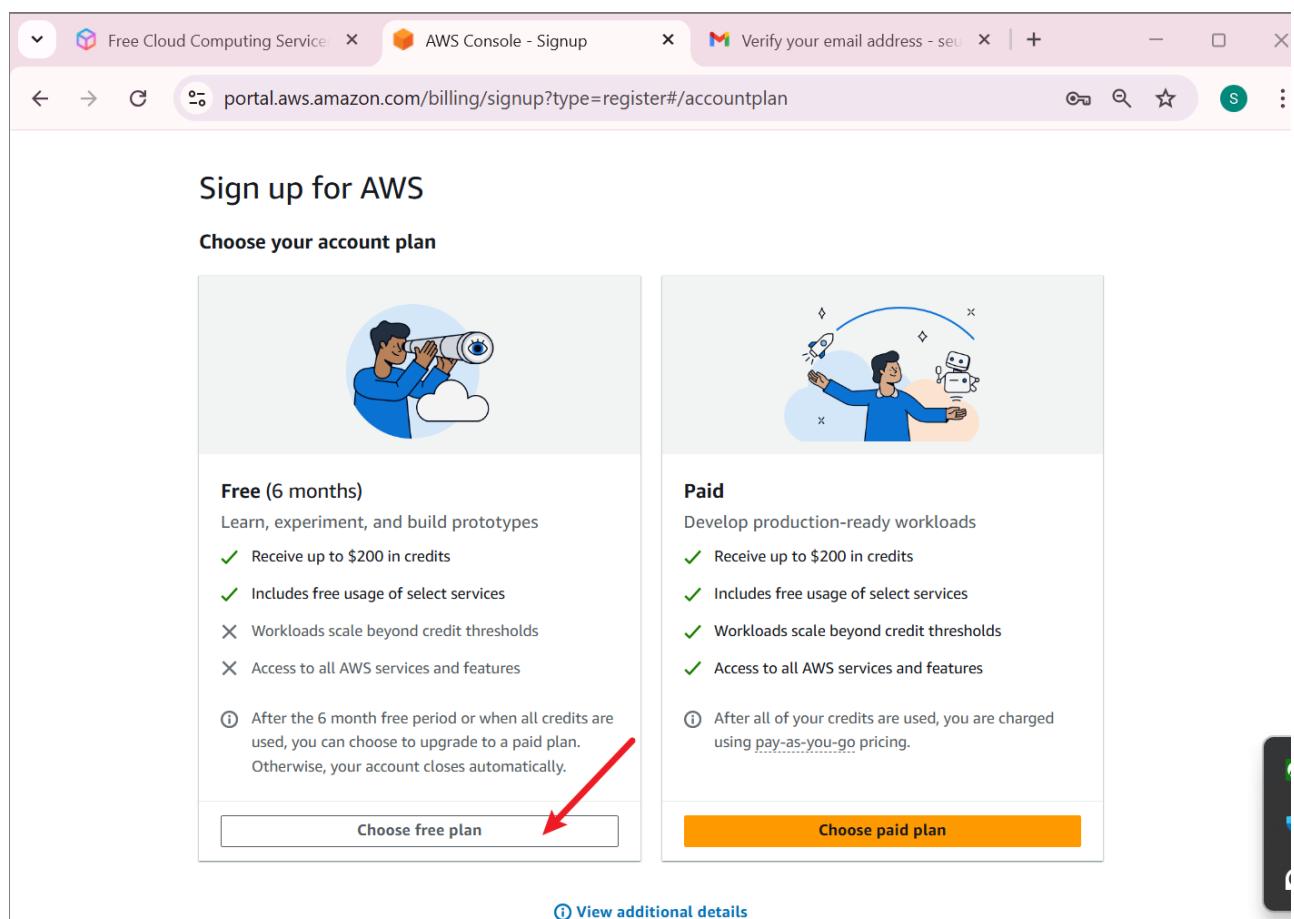
6. Paste Code and Verify

The screenshot shows a web browser with three tabs: 'Free Cloud Computing Service', 'AWS Console - Signup', and 'Verify your email address - seu'. The active tab is 'Verify your email address - seu' with the URL 'signin.aws.amazon.com/signup?request_type=register'. The page displays the AWS logo and a 'Sign up for AWS' section. On the left, there's a 'Try AWS at no cost for up to 6 months' offer and an illustration of a rocket launching. On the right, there's a 'Confirm you are you' section with a 'Verification code' input field containing '903274', a 'Verify' button, and a 'Resend Code' button. Below the code field, there's a link for 'Didn't get the code?' with two bullet points: 'Codes can take up to 5 minutes to arrive.' and 'Check your spam folder.'

7. Choose a Secure Root Password



8. Select Plan (Free Tier Plan chosen)



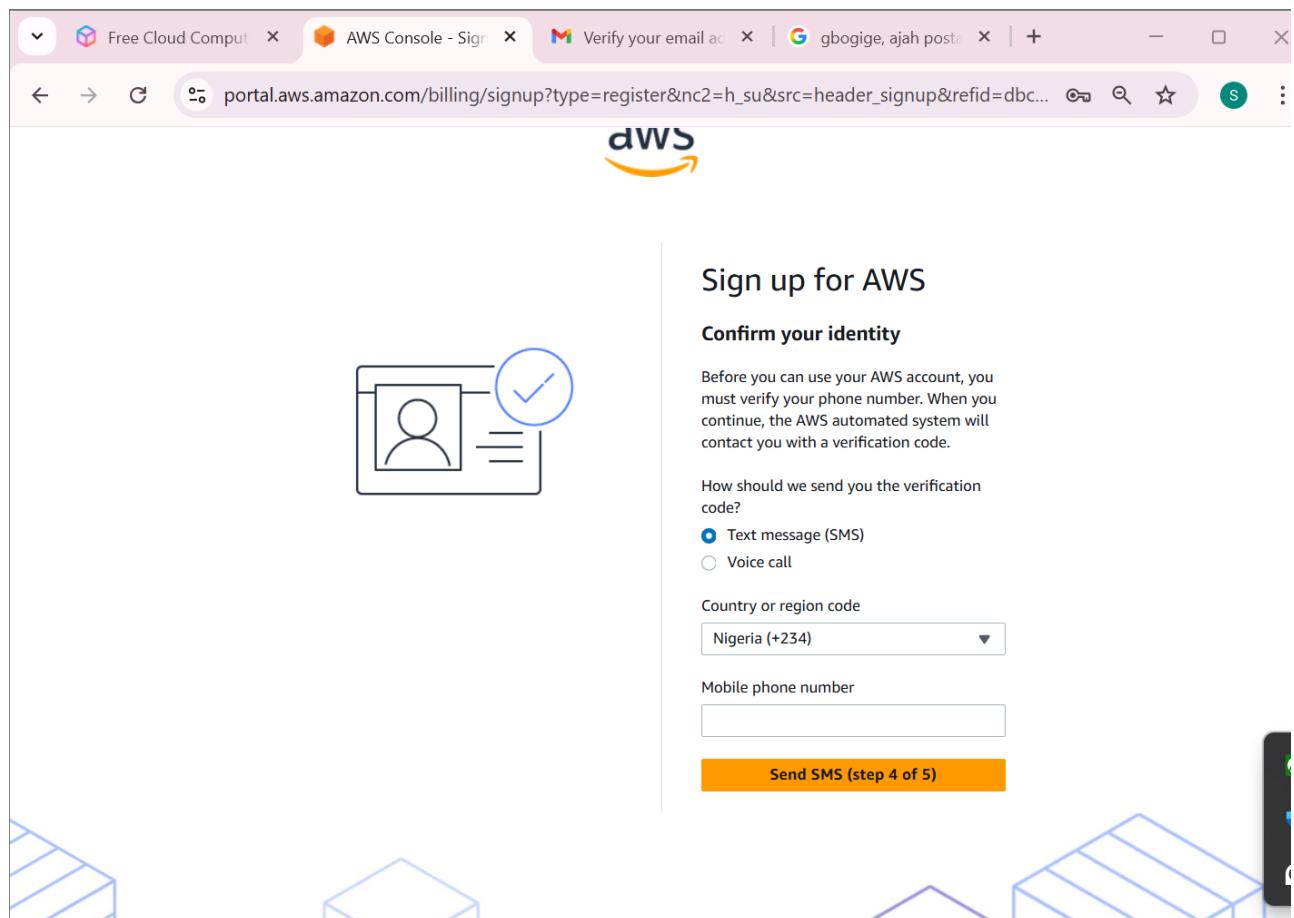
9. Fill in Contact Information

The screenshot shows the AWS sign-up process. On the left, there's a sidebar with a section titled "Earn additional AWS credits" which describes how users can earn up to \$100 in credits by completing various activities like creating a budget. Below this is a graphic of a dollar bill with blue arrows pointing to its corners. The main right-hand panel is titled "Sign up for AWS" and contains a "Contact Information" section. It includes fields for "Full Name" (with placeholder "O"), "Country Code" (set to +234), "Phone Number" (222-333-4444), "Country or Region" (United States), "Address line 1" (empty), and "Address line 2" (placeholder "Apartment, suite, unit, building, floor, etc."). There are also sections for "How do you plan to use AWS?" (with "Personal" selected) and "Who should we contact about this account?".

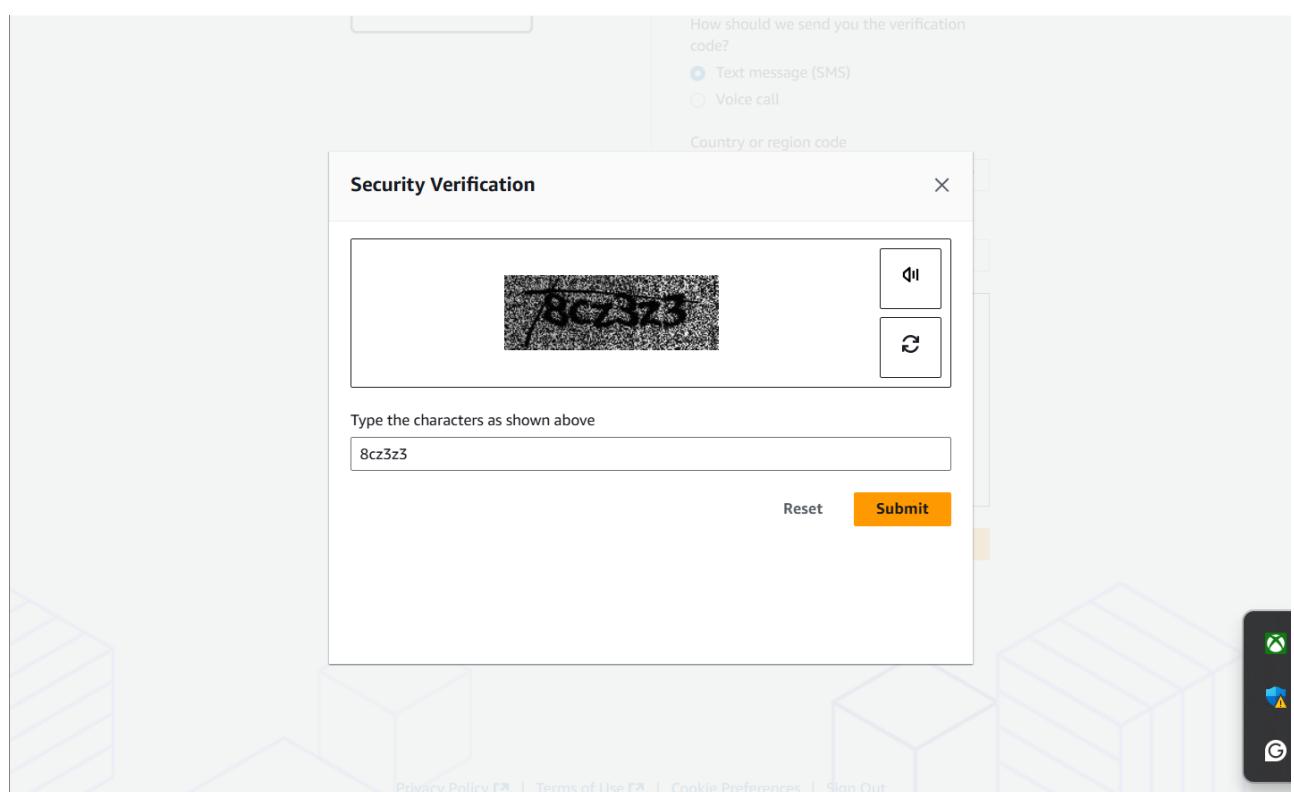
10. Provide Billing Information

This screenshot continues the AWS sign-up process. The left sidebar now includes a "Why is this required?" section explaining that verification holds a \$1 charge for 3-5 days to prevent fraud. It also states that for the free plan, no charges occur until an upgrade to a paid plan. The main panel is titled "Sign up for AWS" and focuses on "Billing Information". It asks for the "Billing country" (Nigeria), "Credit or Debit card number" (with icons for Visa, MasterCard, American Express, and Discover), and the "Expiration date" (Month and Year dropdowns). It also requires "Security code" (CVV/CVC), "Cardholder's name" (empty field), and "Billing address" (empty field). A shield icon with a checkmark is visible at the bottom left.

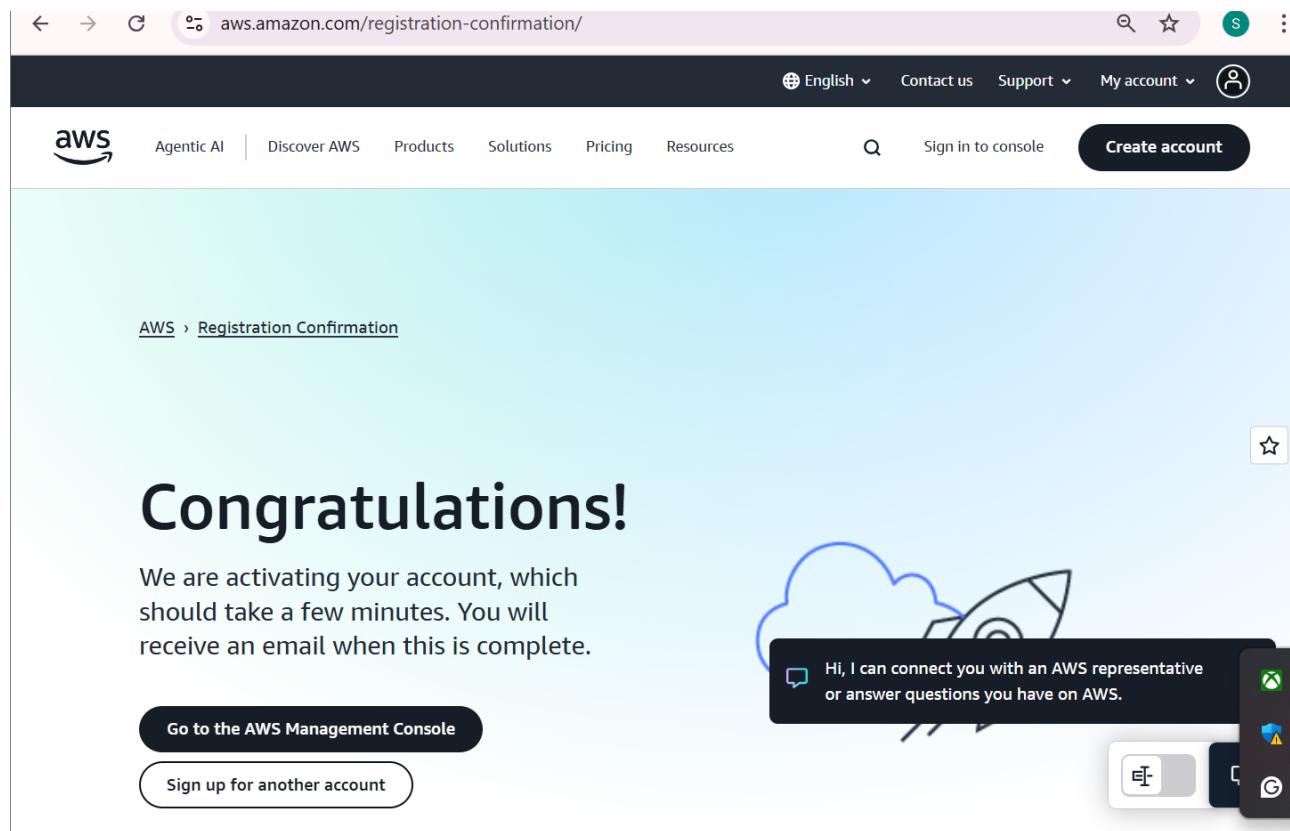
11. Confirm Identity



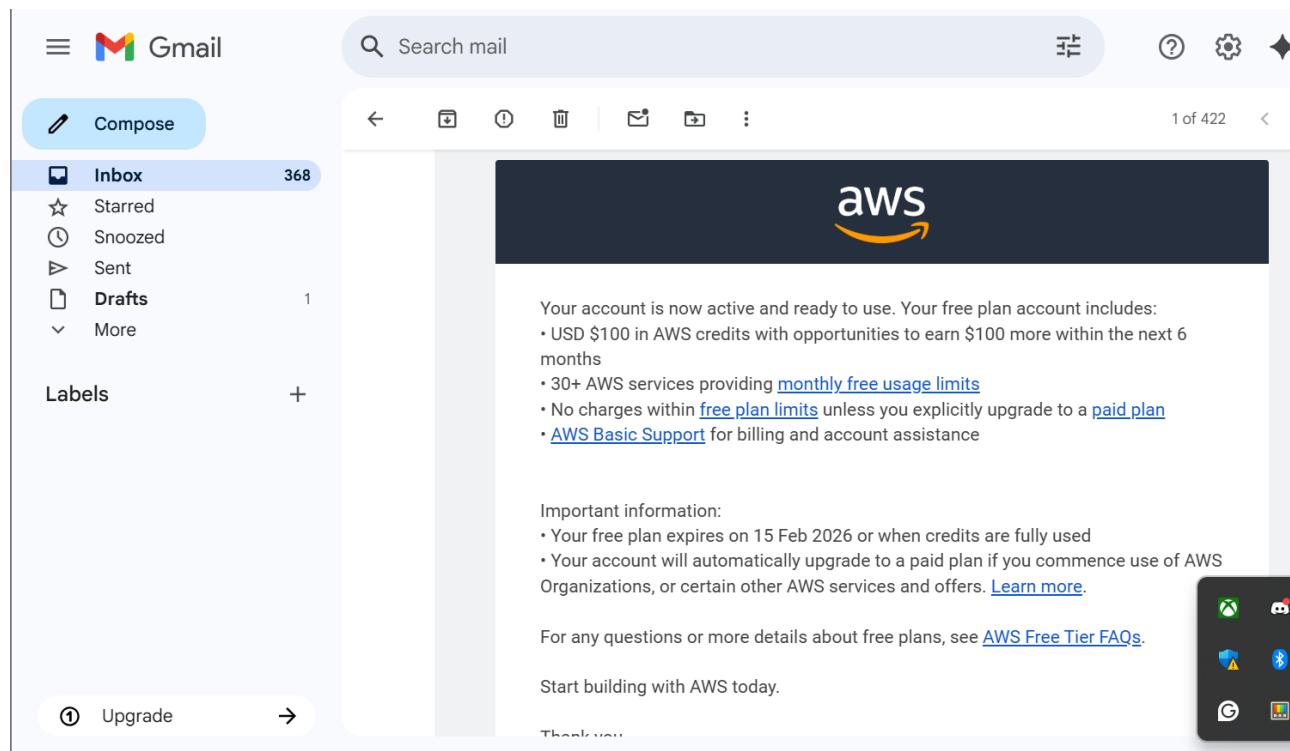
12. Fill CAPTCHA to Proceed



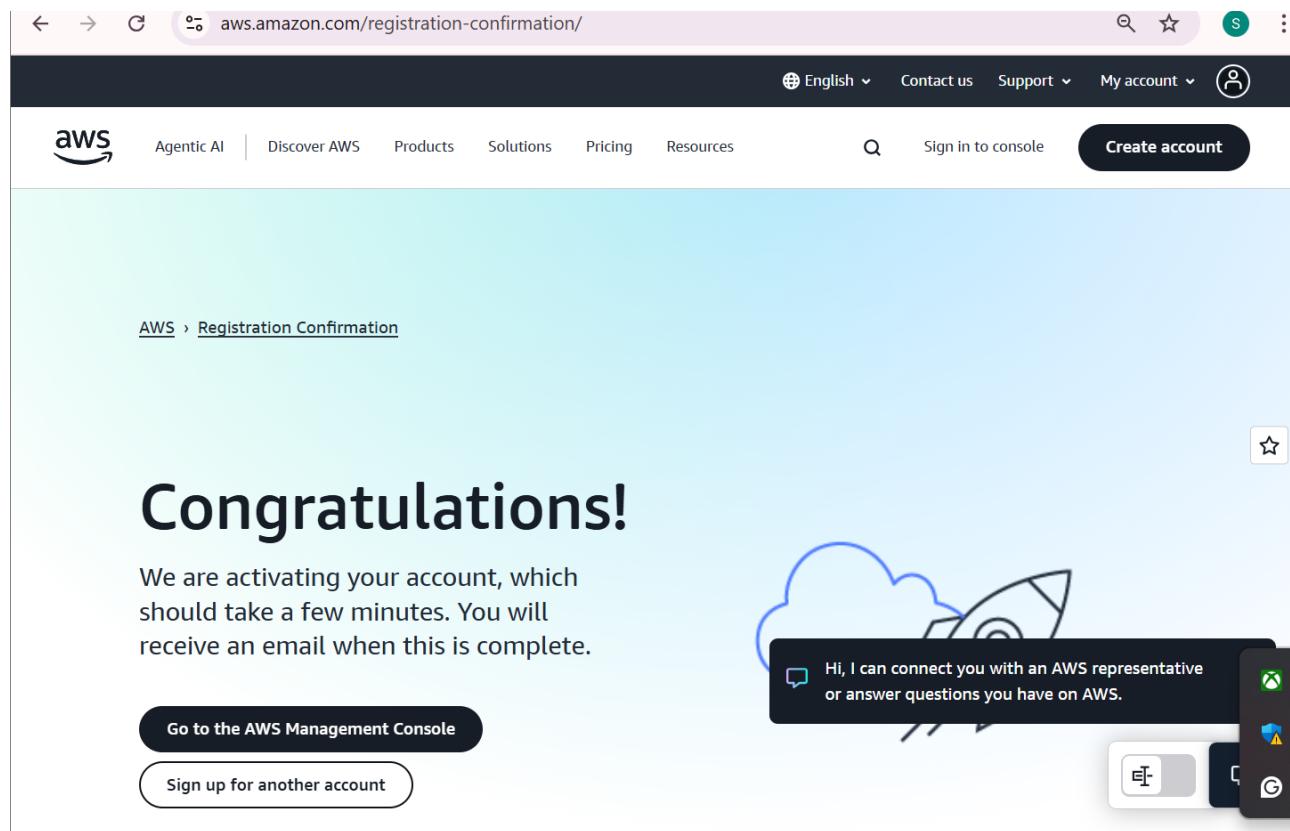
13. Account Created – Waiting Activation



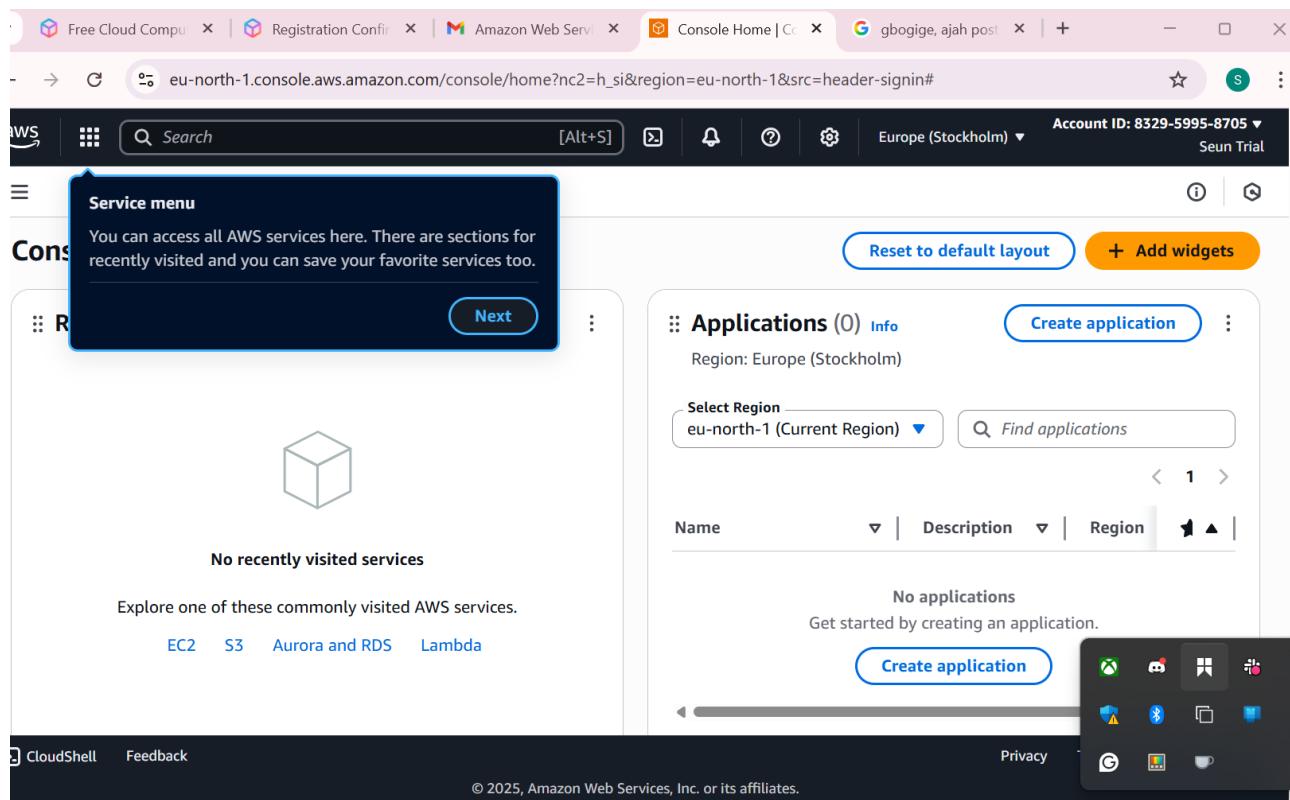
14. Receive Account Activation Email



15. Click to Sign in to AWS Management Console



16. Signed in to Console



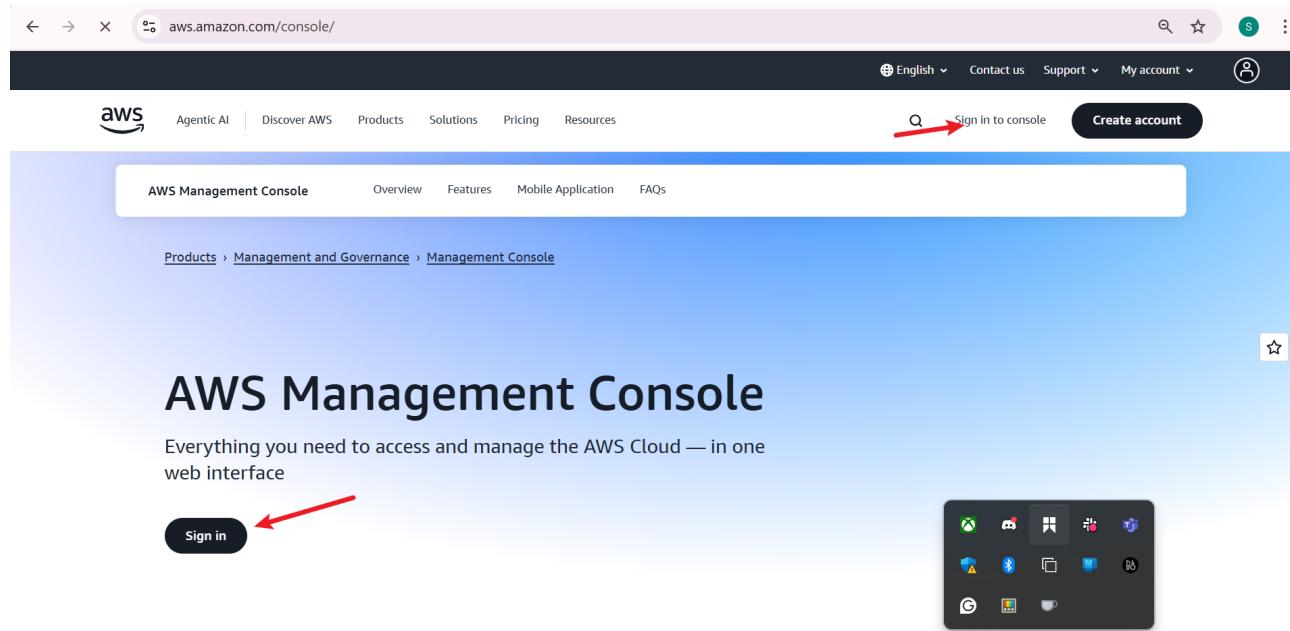
17. Click Account ID to Sign Out

The screenshot shows the AWS Console Home page. On the right side, there is a section titled "Applications (0)" with a "Create application" button. A modal window is open over the main content, showing various application icons like Lambda, Step Functions, and CloudWatch Metrics. The modal has a dark background and includes a "Create" button at the bottom left.

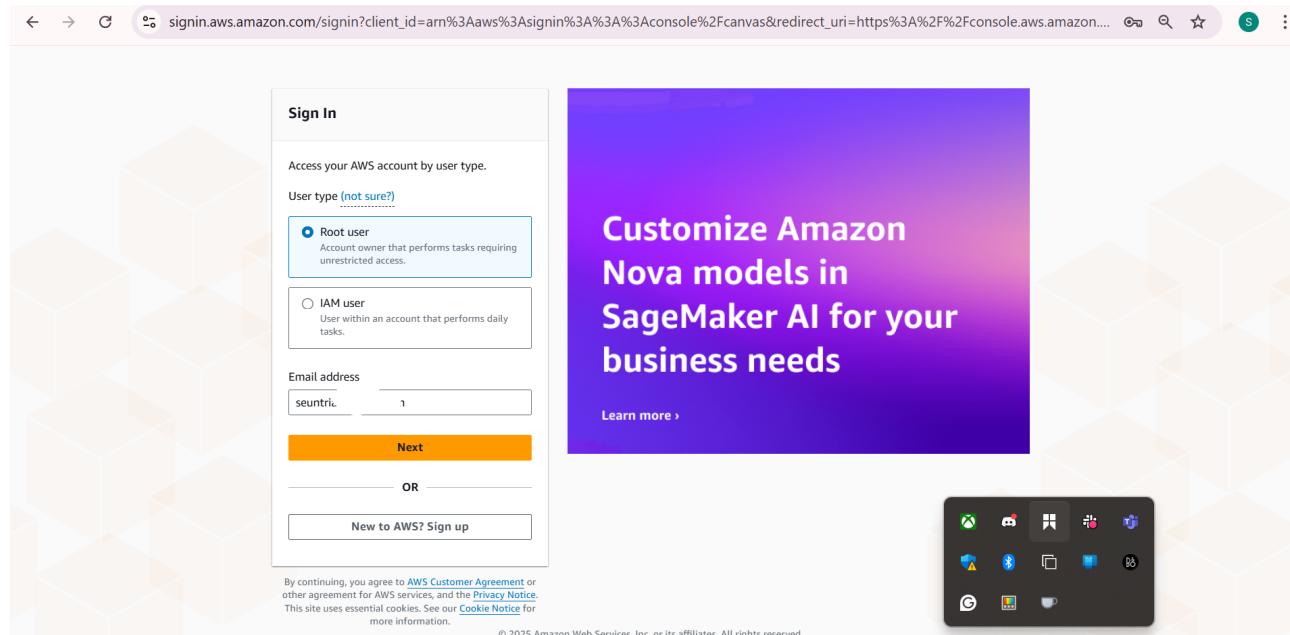
18. Sign Out of Console

The screenshot shows the AWS Console Home page. A red arrow points to the "Sign out" button located at the bottom right of a sidebar menu. The sidebar also includes links for "Free plan status", "Account ID", "Account", "Organization", "Service Quotas", "Billing and Cost Management", and "Security credentials".

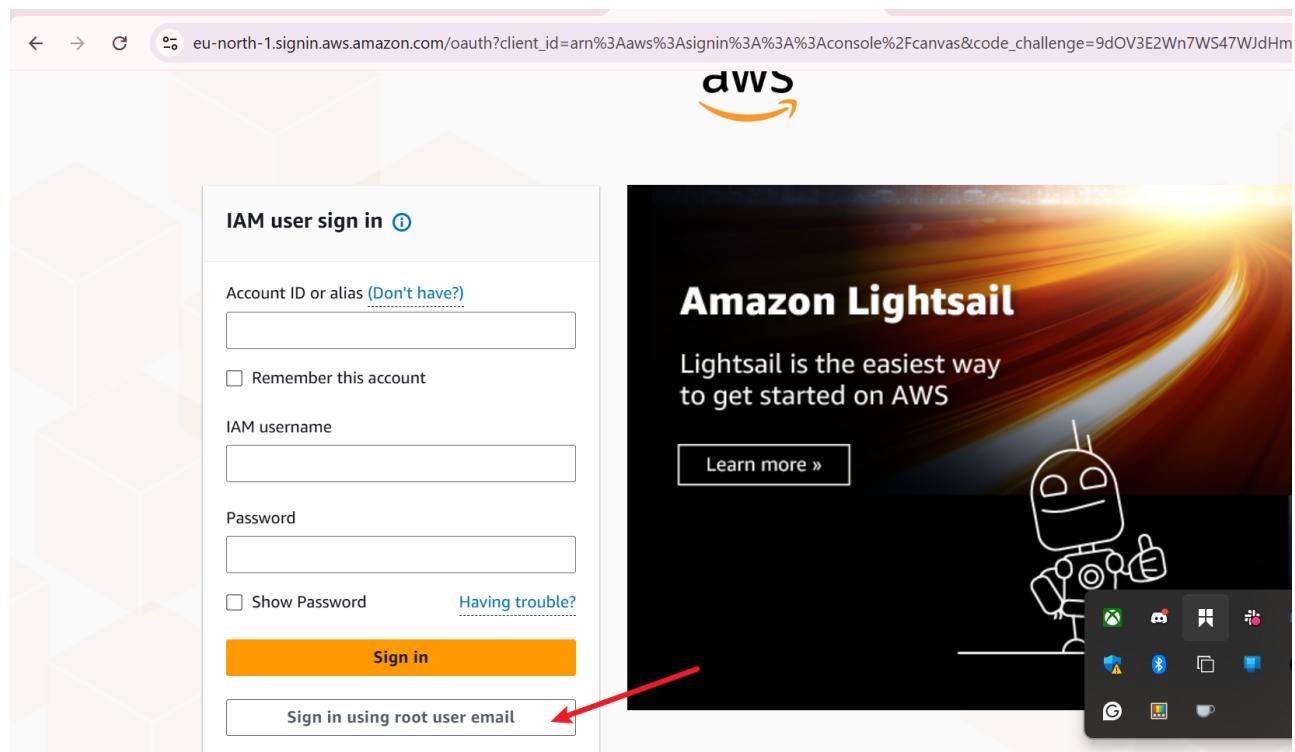
19. Click to Sign In Again



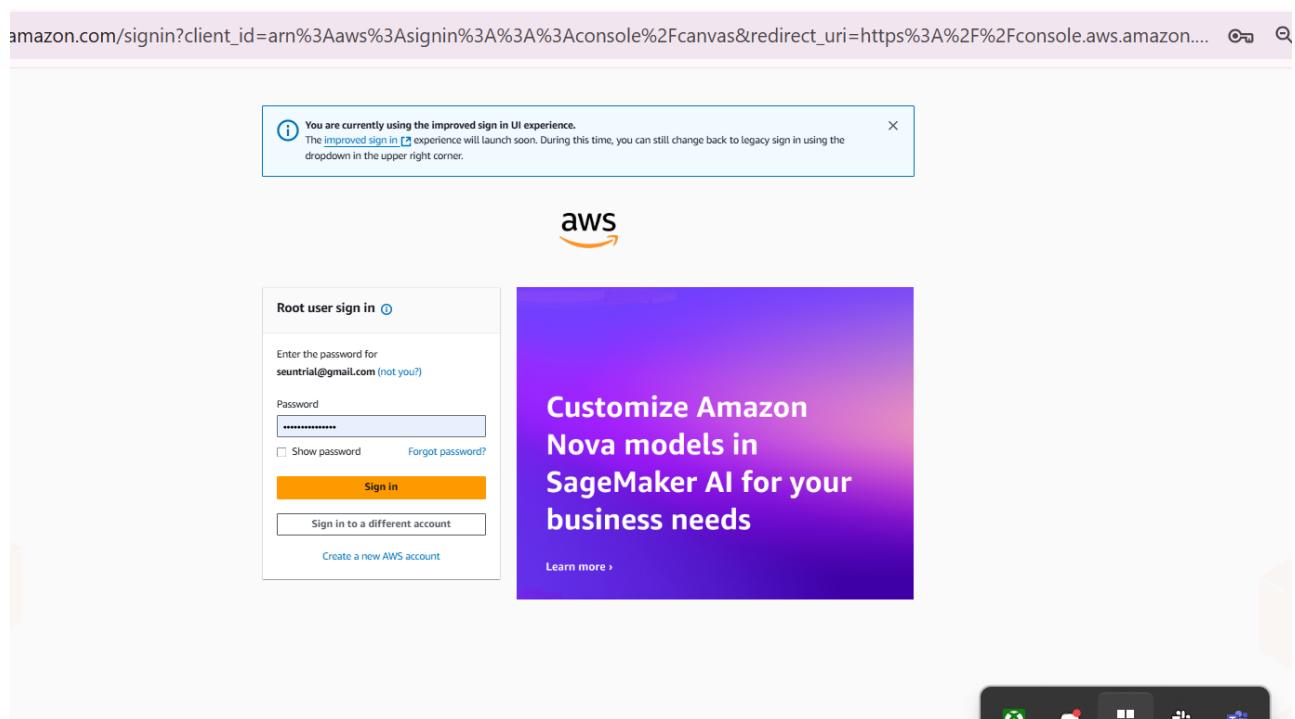
20. Sign In as Root User



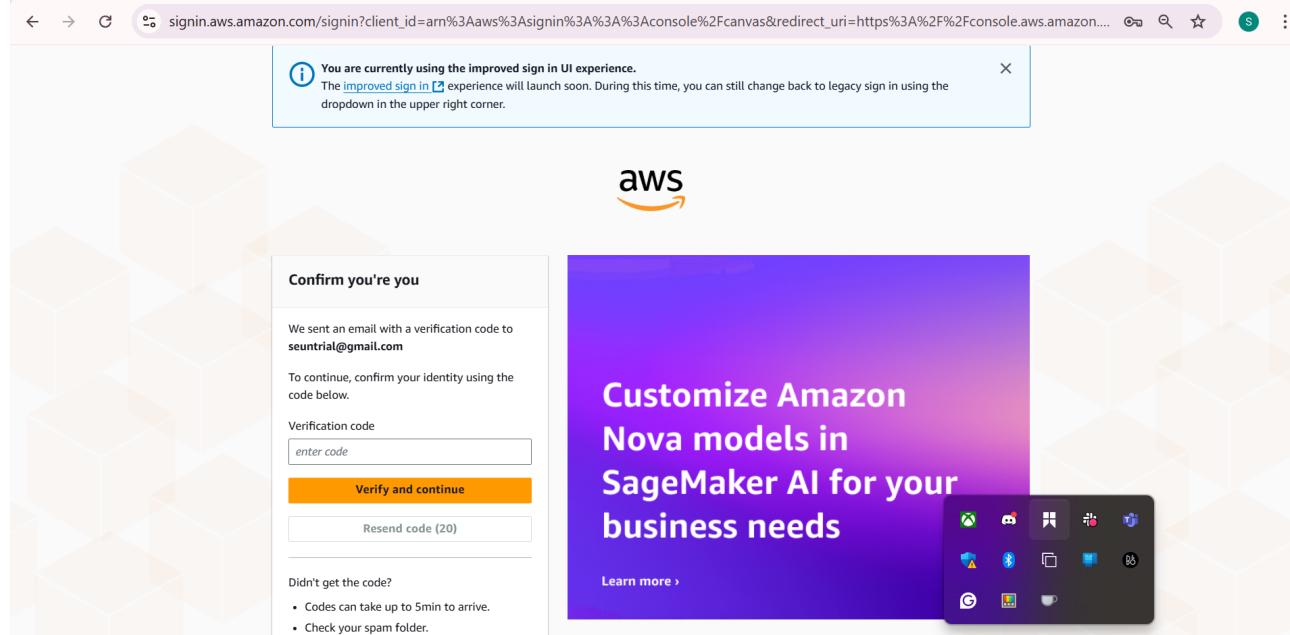
21. Enter Root Email Address



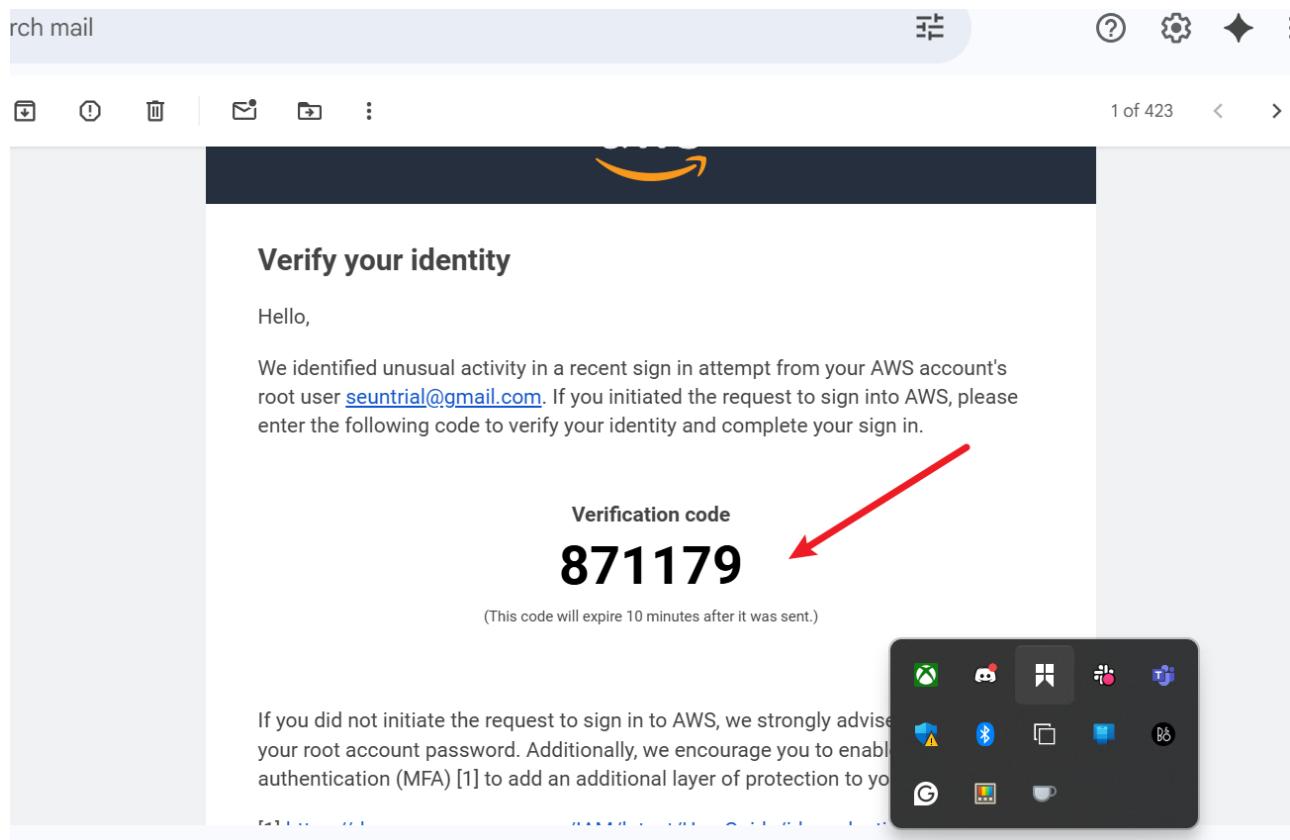
22. Enter Password and Sign In



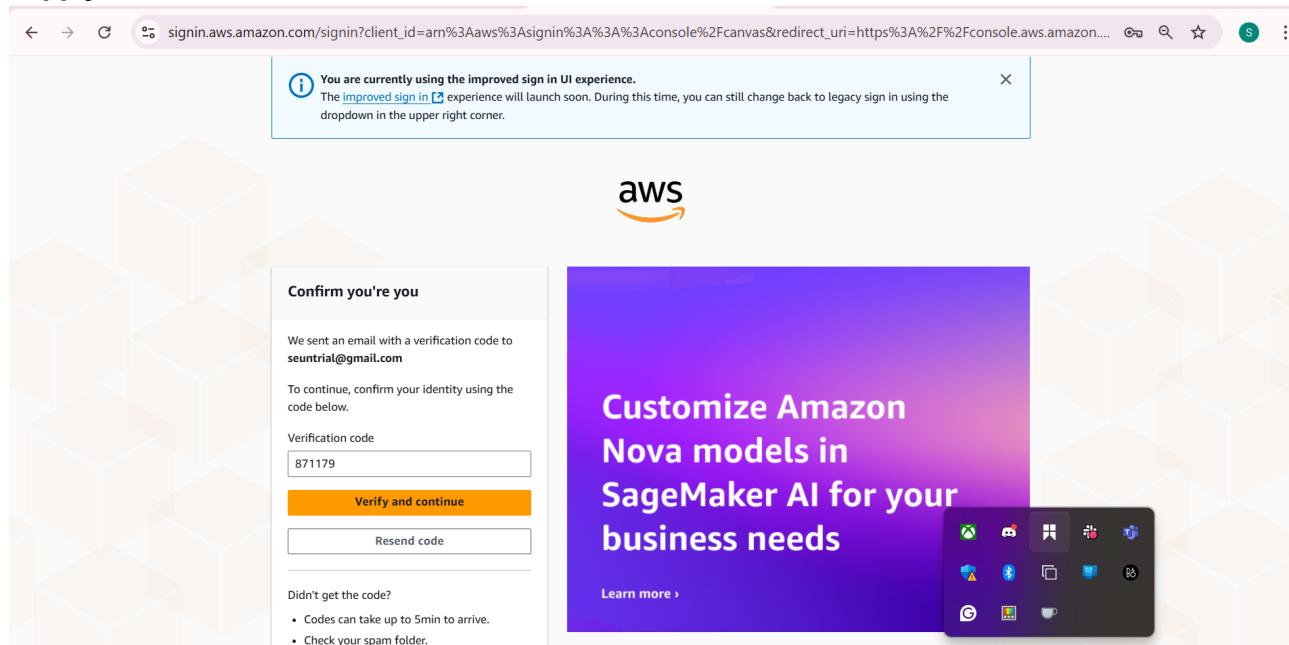
23. Verify Identity to Login



24. Copy Verification Code from Email

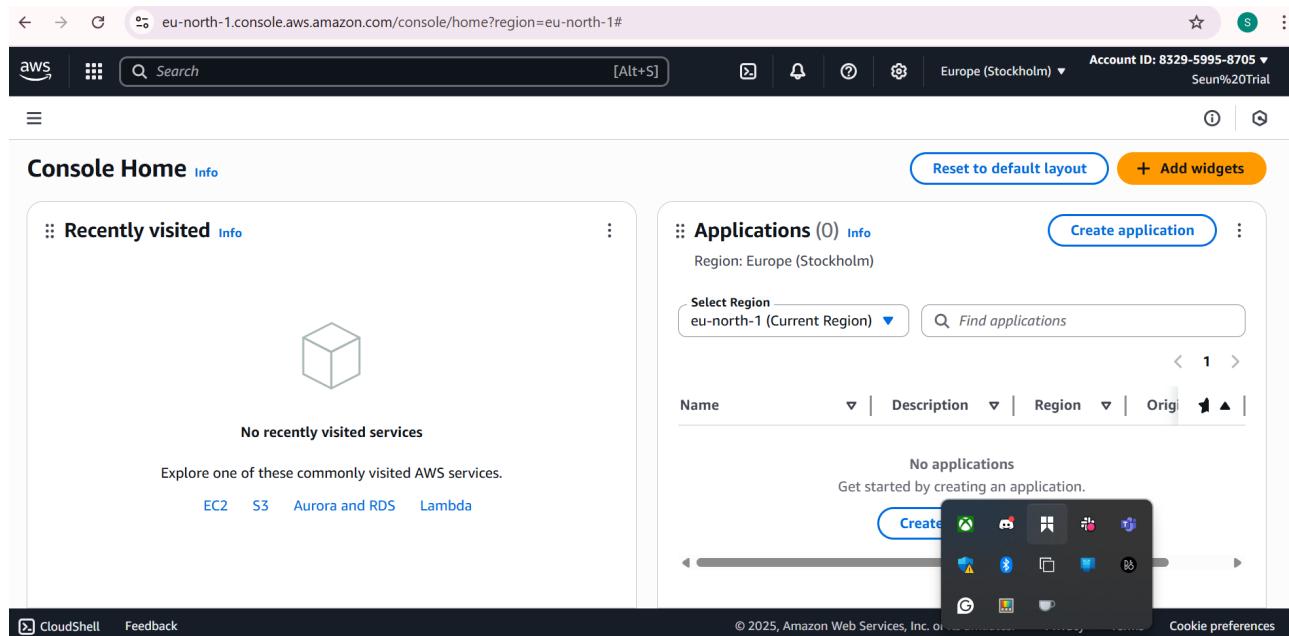


25. Supply Verification Code



26. Skip Prompt to Activate MFA (Multi-Factor Authentication)

27. Return to AWS Console



5. Reflection

- Understanding AWS Cloud:** The project provided practical exposure to AWS's user interface and account setup workflow.
- Value of Cloud:** Reinforced the concept of cloud computing as a scalable, flexible, and cost-efficient solution.
- Confidence Gained:** After this setup, I am now prepared to deploy services and manage cloud infrastructure using AWS.

6. Conclusion

This project successfully covered the end-to-end AWS account creation process, from understanding the importance of cloud services to gaining access to the AWS Management Console. The experience gained lays a strong foundation for future cloud-based projects, deployments, and hands-on learning in AWS services.