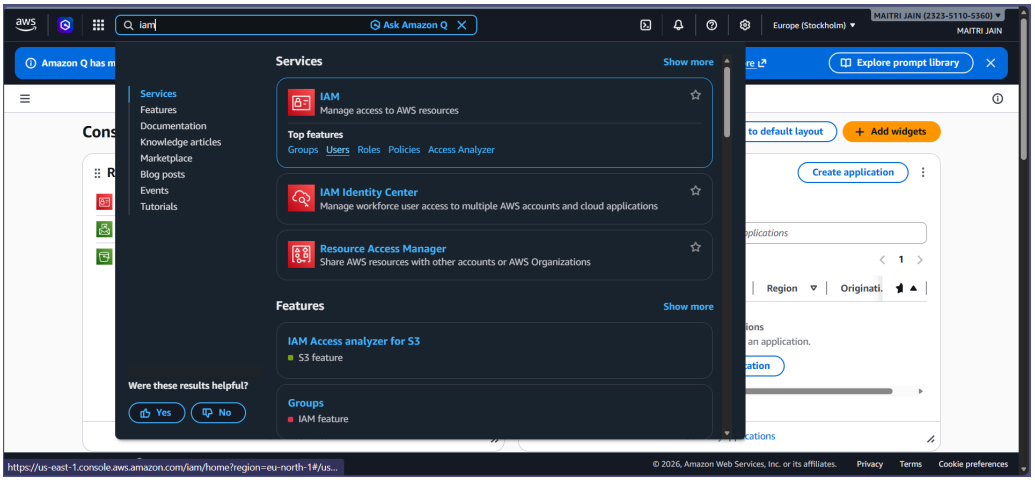
Experiment 3 — Create IAM User with S3 Access

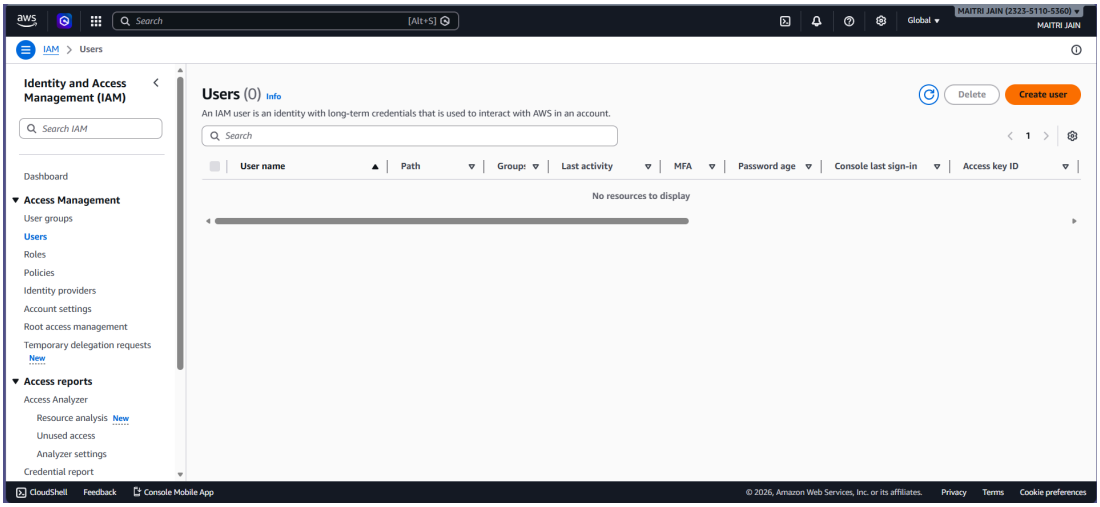
Aim:

To create an IAM user and grant S3 full access.

Procedure:

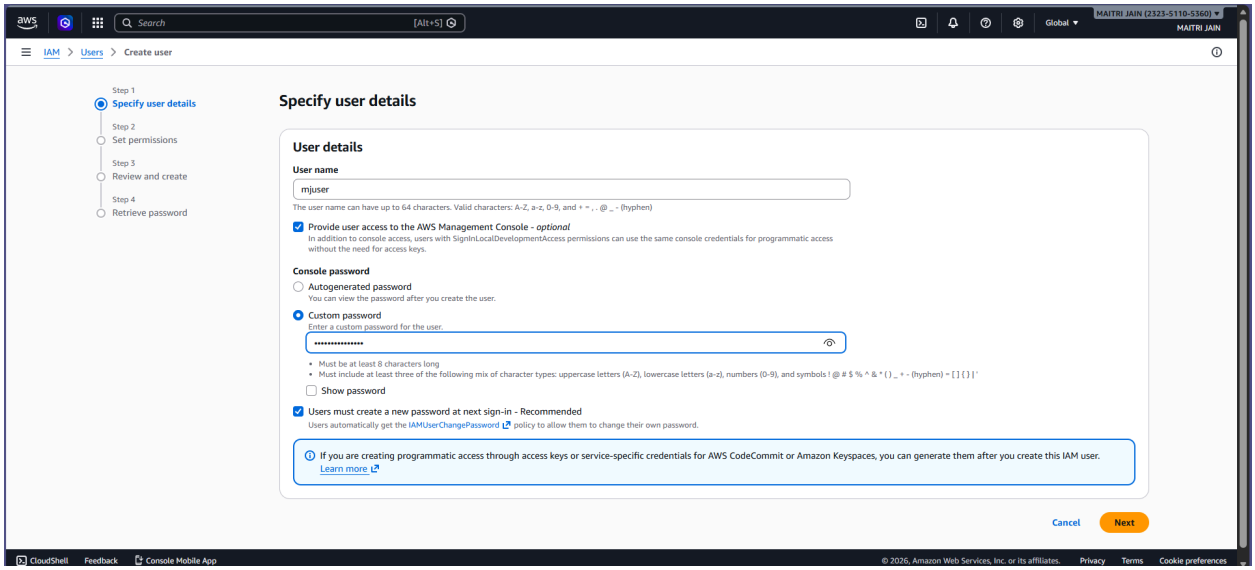
1. IAM → Users → Create User.



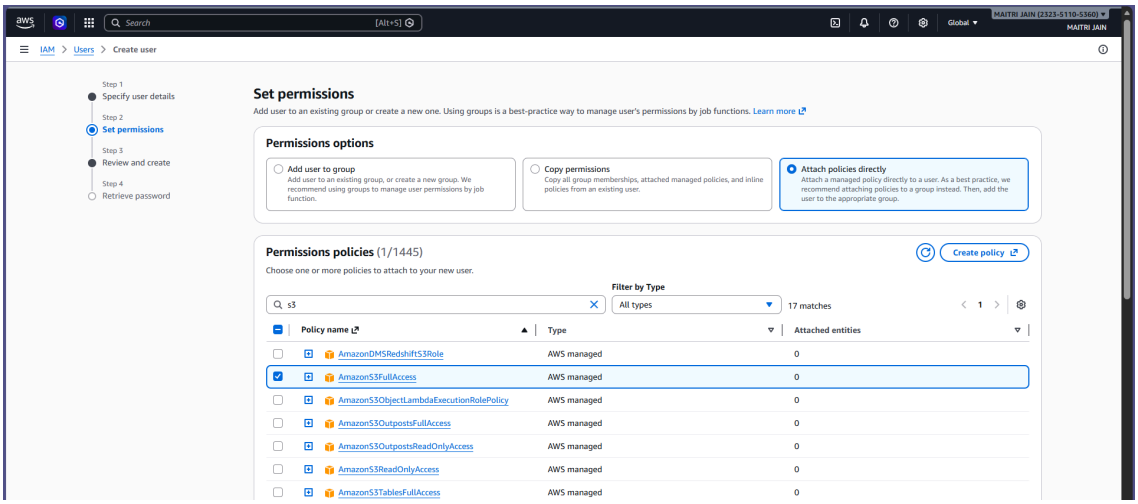


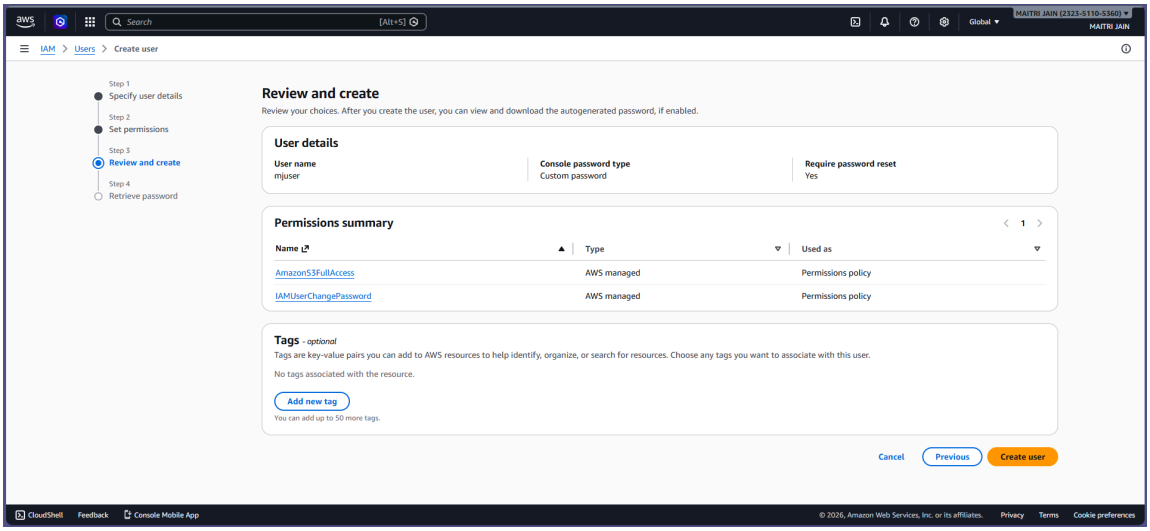
2. Enter username.

3. Enable console access.

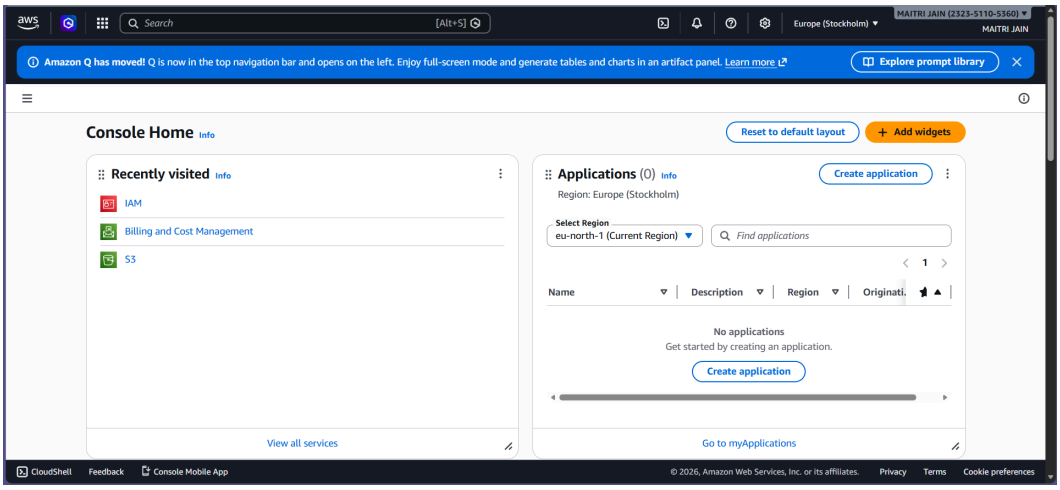


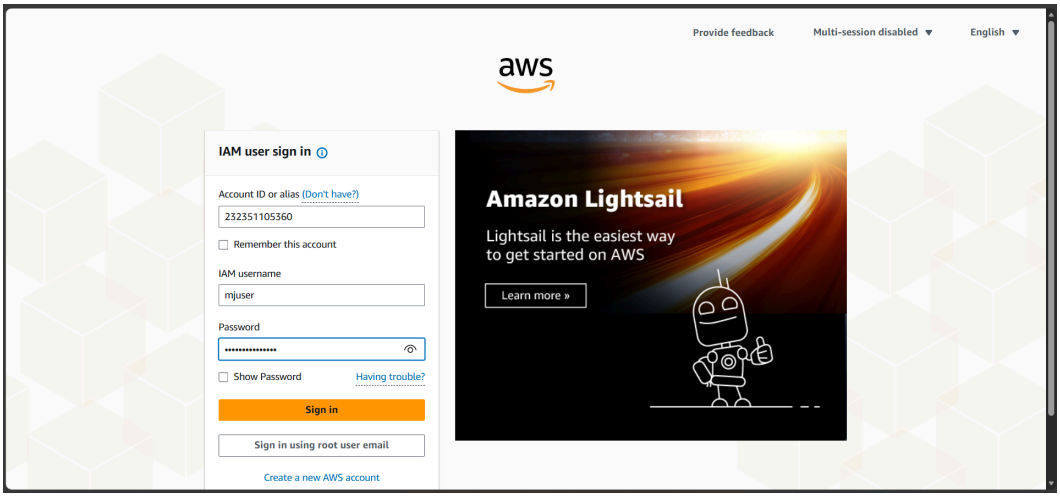
4. Attach policy → **AmazonS3FullAccess**.

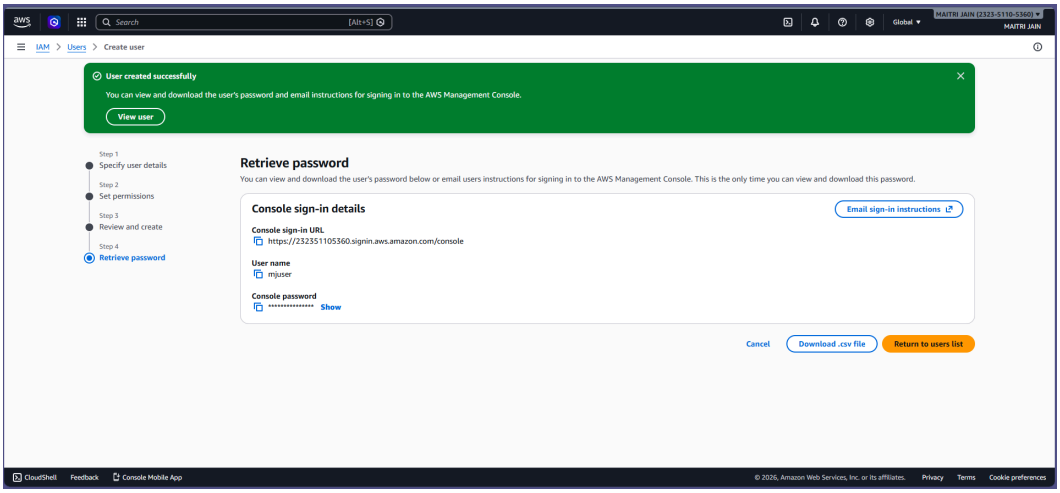




5. Create user.





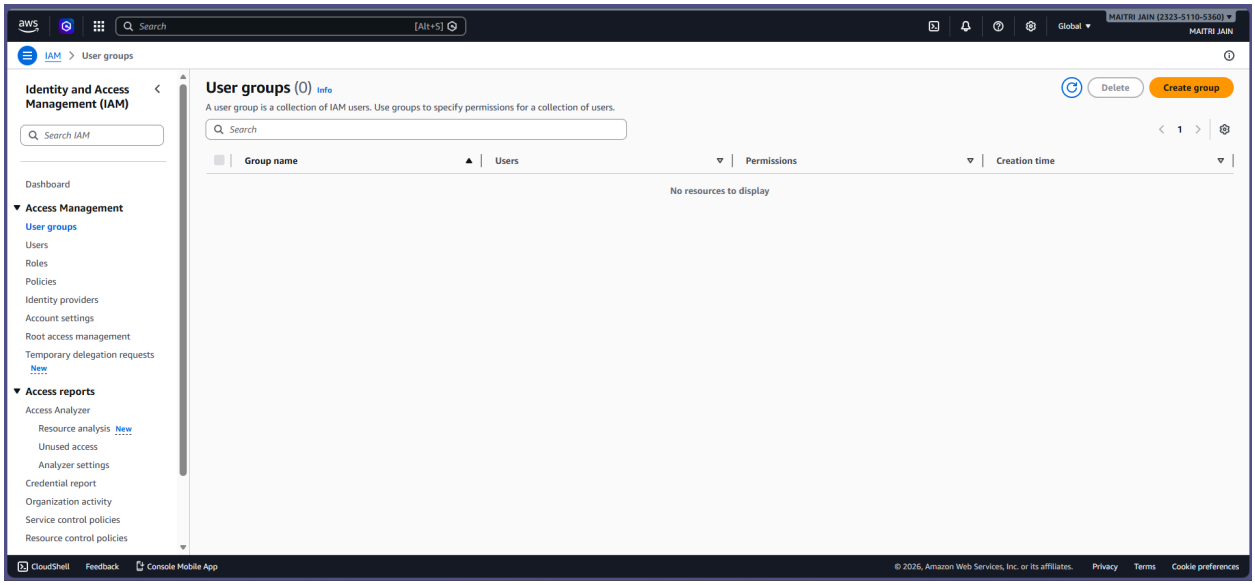


Result:

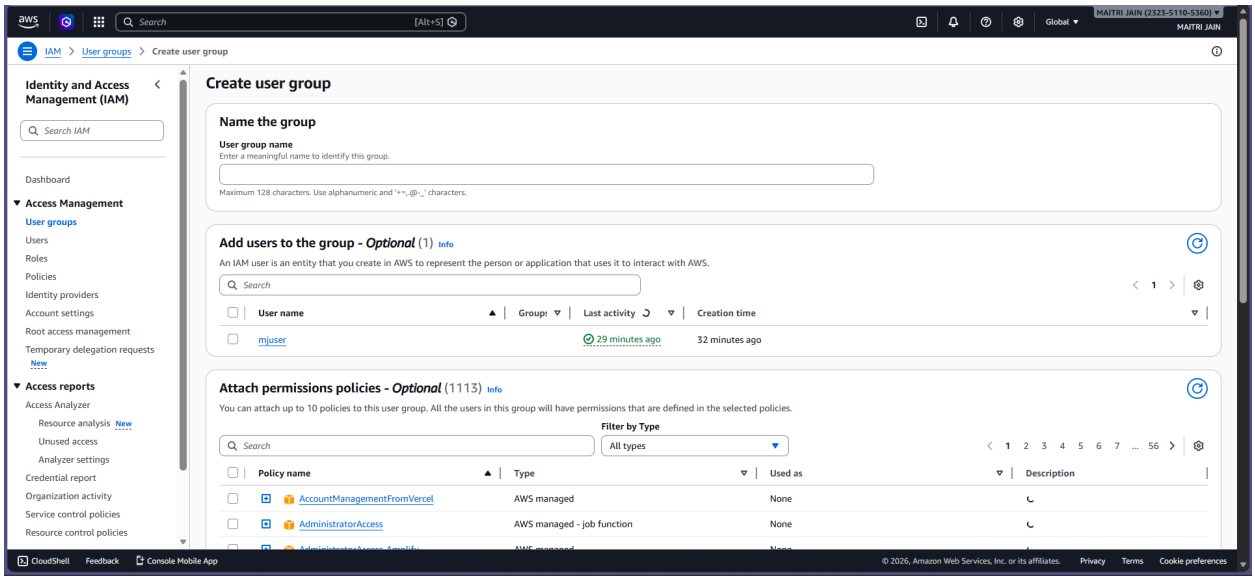
IAM user created with S3 permissions.

IAM users allow controlled access instead of root login.

6. Go to **IAM → User groups**.

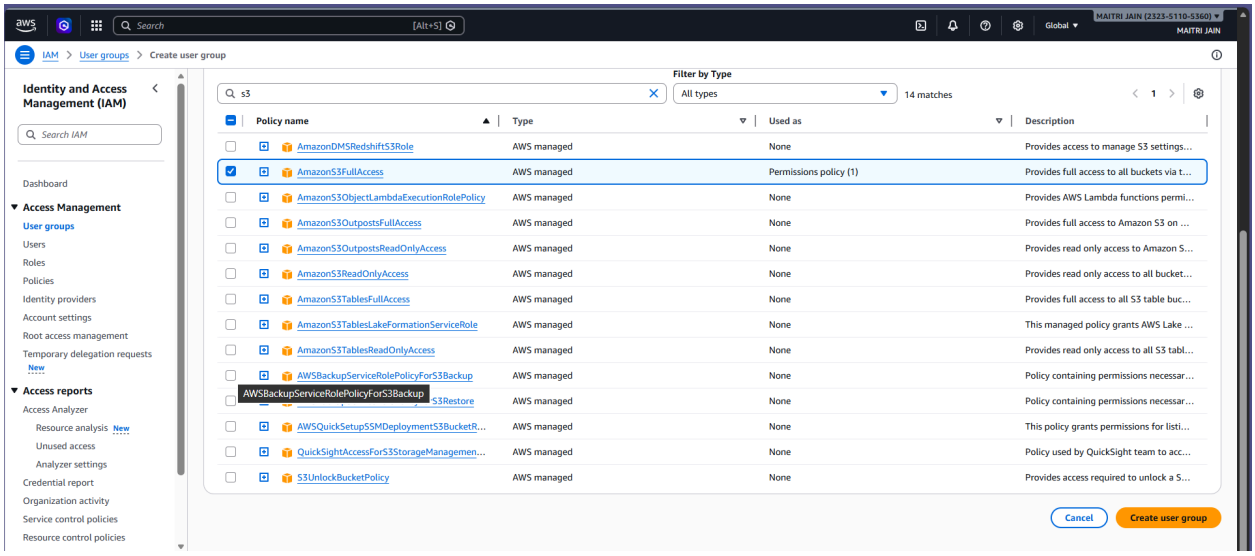


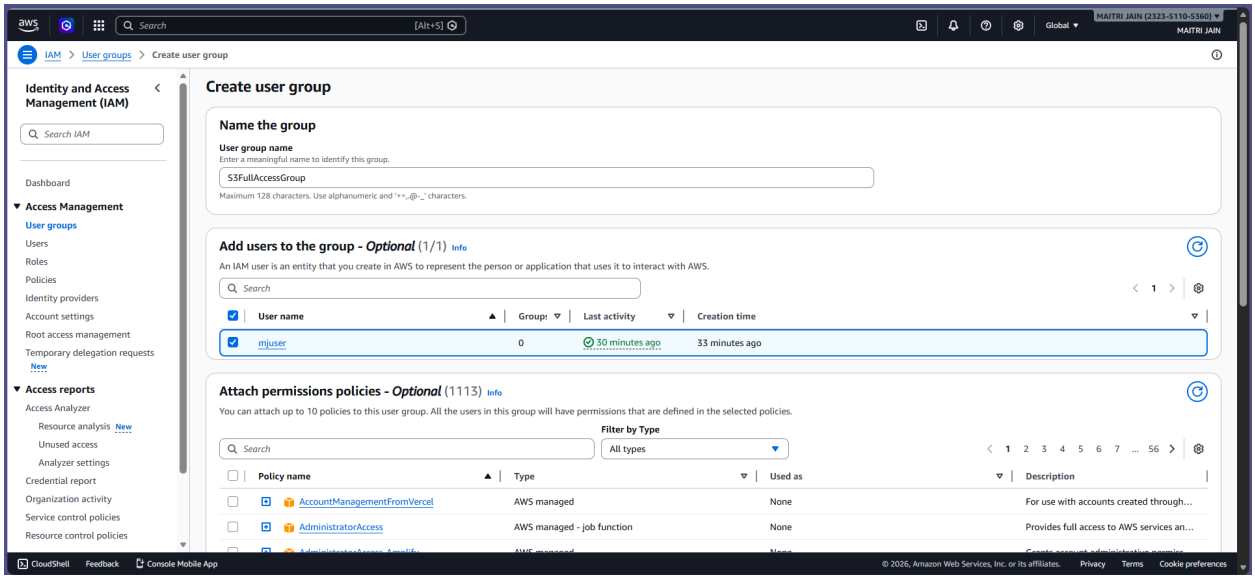
7. Click **Create group**.



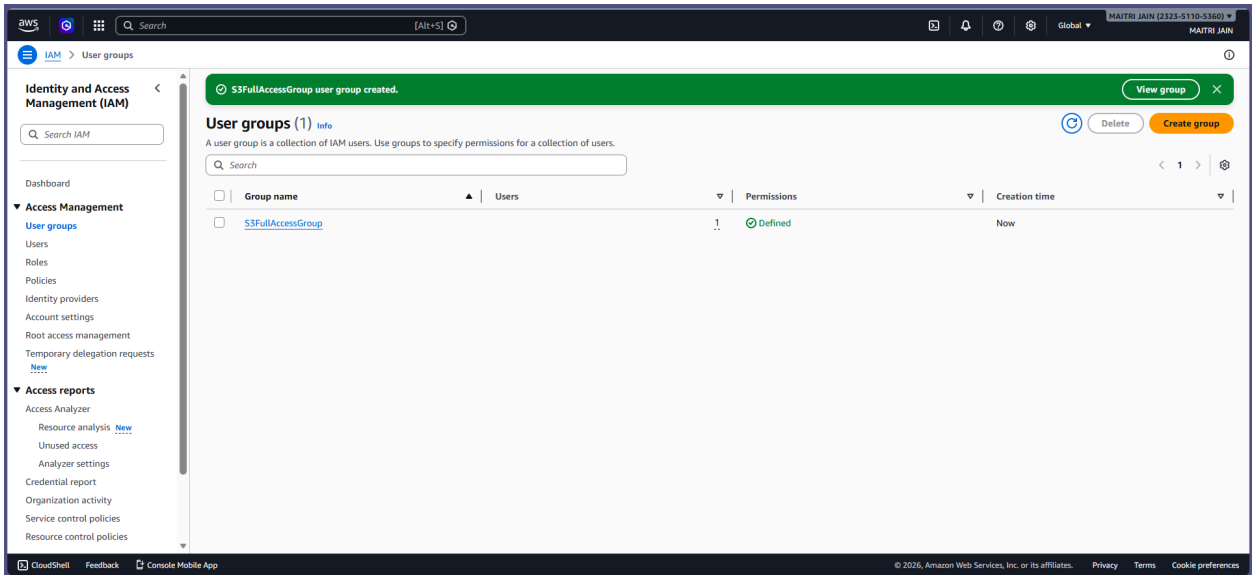
8. Enter group name `S3FullAccessGroup`.

9. Attach **AmazonS3FullAccess** policy.





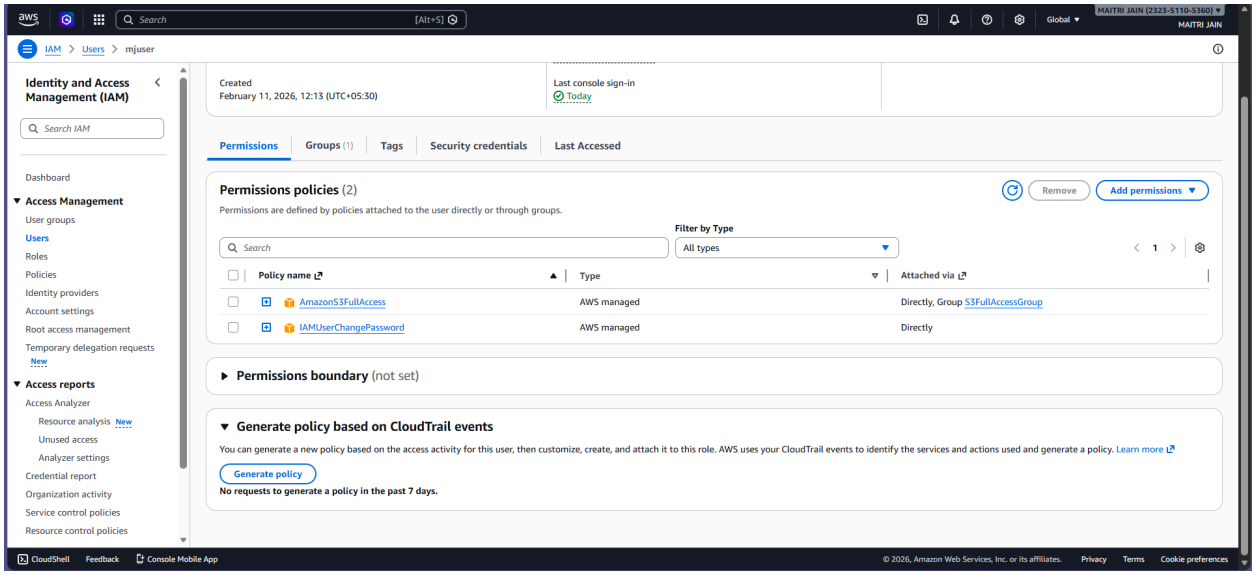
10. Create the group.



11. Open **IAM → Users → (your username)**.

12. Click **Add user to group**.

13. Select `S3FullAccessGroup`.



14. Click **Add**.

Result:IAM user and user group were successfully created, and S3 Full Access permission was assigned to the user through the group.

Conclusion: IAM groups help manage permissions efficiently and securely by assigning policies to groups instead of individual users.