



Deployment on AWS

TASK 4- DEPLOYMENT

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Deploying a Basic Web Application on AWS

I had an e-commerce website for sports and clothing, and I successfully deployed it on AWS.

Here are the key steps I took:

1. **Creating an AWS Account:** I started by creating an AWS (Amazon Web Services) account, which is the first step to access AWS services.
2. **Connecting GitHub Repository:** AWS provides an option to connect your GitHub repository directly. I chose my e-commerce website's repository for deployment.
3. **Configuration Steps:** Once the GitHub repository was connected, there were some necessary configuration steps. This included setting up the environment, installing dependencies, and ensuring that all the required components were in place.

Advantages of Using AWS for Website Deployment:

1. **Ease of Integration:** AWS's integration with GitHub made it convenient to connect and deploy from a version-controlled repository.
2. **Scalability:** AWS allows for easy scaling of resources, ensuring that the website can handle increasing traffic as it grows.
3. **Flexibility:** The ability to configure and customize the environment to match specific requirements was beneficial for the e-commerce website.
4. **Robust Infrastructure:** AWS provides a reliable infrastructure with redundant systems, minimizing downtime and ensuring high availability.
5. **Security:** AWS offers robust security features to protect both the infrastructure and the deployed website.

Here is the link to the deployed website:

<https://master.d3nv2qbzs90bnl.amplifyapp.com/home/menpage/sports/menpage/sports/home/menpage/menpage/>