

Cloud Computing Project

Title: "Deploying a Scalable Web Service on AWS or Azure" Description: In this project, you will learn how to deploy a cloud-based web service that automatically scales based on workload. You must containerize your application using Docker and deploy it on a managed service such as AWS Elastic Beanstalk or Azure App Service. The project includes setting up continuous integration (CI/CD) pipelines, monitoring performance using CloudWatch or Azure Monitor, and documenting your architecture in a report that explains how autoscaling, load balancing, and fault tolerance are achieved.