

# Title Slide

- **Project title** : Resilient and Scalable Web Application Deployment on AWS
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## Agenda

- Introduction to the project
- Deployment Strategy
- Challenges Encountered
- Solution implementation
- Results and Performance Metrics
- Lessons Learned and Best Practices
- Q&A

## Introduction

- Brief overview of the project and scope
- Importance of resilience and scalability in web application

## Deployment Strategy

- High-level architecture diagram and components
- Step-by-Step explanation of the deployment process
- AWS services used and their roles in the infrastructure

## Challenges Encountered

- Briefly discuss any unexpected issues during deployment, such as:
- Configuration problem complexities
- Integration problems with different AWS services
- Scalability issues under load
- High availability consideration across multiple AZs

## Solution Implemented

- Describe the troubleshooting and problem-solving methods used
- Detail the solutions that were implemented for each challenge

## Capstone Project-1

- For example, adjustments to Auto Scaling Settings, changes in VPC configuration, security group adjustments, etc.

## Lessons Learned and Best Practices

- Share key takeaways from the projects, highlighting what worked well and what could be improved
- Discuss any AWS-specific insight, such as cost optimization technique, performance tuning, and security enhancements

## Conclusion

- Summarize the overall impact of the deployment strategy on the project goals
- Reflect on the scalability and resilience achieved
- Reiterate the importance of continuous monitoring and Optimization

## Q&A

- Open the floor for questions and provide thoughtful, informative answers

## References

- List all resources, documentation, and tools referenced during the project

## Closing Slide

- Thank you
- Contact information for follow-up questions