CodeCruise

SAIL SMOOTH IN TECH OCEAN

A74, TechnoPark, Andheri, Mumbai. Phone: +91 80809 75897 | +91 70345 62050 Email: ask@codecruise.in

Microsoft Azure

Microsoft Azure, often referred to as Azure, is a cloud computing platform developed by Microsoft. It offers access, management, and the development of applications and services through global data centers.

Tech Stack To Be Covered



Microsoft Azure

Course Outline:

- 1. Introduction to Microsoft Azure
 - Understanding cloud computing and Azure's role
- 2. Getting Started with Azure

- Setting up an Azure account
- Navigating the Azure Portal
- 3. Compute Services
 - Exploring Virtual Machines, Azure Functions, and AKS
- 4. Storage Services
 - Overview of Blob Storage, File Storage, and Disk Storage
- 5. Database Services
 - Understanding Azure SQL Database, Cosmos DB, and Azure Database for PostgreSQL/MySQL
- 6. Networking Services
 - Setting up Virtual Networks, Azure DNS, and Traffic Manager
- 7. Security and Identity
 - Managing security with Azure Active Directory and RBAC
- 8. Monitoring and Management
 - Monitoring resources with Azure Monitor and Log Analytics
- 9. Deployment and DevOps

- Implementing CI/CD pipelines with Azure DevOps
- 10. Scalability and High Availability
 - Ensuring scalability and high availability with Azure Load Balancer and Availability Zones