

INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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Cloud Computing

Amazon Web Services (AWS)

- Introduction to AWS
- Virtual Private Cloud
- EC2
- Storage
- Load balancing and Autoscaling
- Route 53
- Cloud Front/Content Delivery Network
- IAM
- Relational Database Service
- DynamoDB
- Monitoring (Cloud Trail & Cloud Watch)
- Application Services
- Design and Architecture

Basics of Linux

- Automating Programs
- Login Options
- Building a Custom Linux Kernel
- The GNU/Linux Filesystem

- Key Filesystem Locations
- The /proc Pseudo Filesystem
- BASH – Borne Again Shell
- User Management
- Software Management
- Hardware Management
- Network Management

Introduction to DevOps

- DevOps on Cloud
- Version control tool GIT
- Working With various commands in GIT
- Jenkins Continuous integration
- Docker containerization technology
- Kubernetes
- Ansible configuration Management

Introduction to Google Cloud

- Getting Started With Google Cloud
- Instances
- Storage-Persistent Disk
- Cloud Storage
- Cloud SQL and Cloud Datastore
- Networking
- Advanced Topics

Microsoft Azure

- Introduction to Cloud Computing
- Introduction to Azure
- Azure VMs and Storage Accounts

- Configuration Management, Automation, and Debugging
- Commands
- Networking in Azure
- Scaling in Azure
- Monitoring in Azure
- High Availability
- Storage in Azure
- Azure AD
- Azure Service Bus Messaging
- Azure Key Vaults
- Web & Mobile Services

Terraform

- Introduction to terraform
- Infrastructure Automation
- Install Terraform
- Getting started With Terraform
- Terraform Modules
- Writing in a more organized way using Terraform
- Terraform With AWS
- Terraform Integration
- Terraform Troubleshooting and Testing
- Extending Terraform