

INFOSOFT IT SOLUTIONS

Training | Projects | Placements

Revathi Apartments, Ameerpet, 1st Floor, Opposite Annapurna Block, Infosoft It solutions,
Software Training & Development Institute, +91 - 9059683947 | +91 - 9182540872

IBM Bluemix Course Content

Cloud Computing and Cloud Architecture

- Introduction to Cloud Computing
- Public, Private, and Hybrid Clouds
- Cloud Deployment Models
- Cloud Service Models
- Benefits of Cloud Computing
- Cloud Architecture
- Cloud Security
- Cloud Management

Bluemix Components and Features

- Overview of Bluemix
- Bluemix Organization and Spaces
- Bluemix Boilerplates
- Bluemix Services
- Deploying Applications to Bluemix
- Scaling Applications in Bluemix
- Monitoring Applications in Bluemix

Installing and Adjusting Boilerplate Applications

- Introduction to Node.js
- Overview of Boilerplate Applications

- Installing Boilerplate Applications in Bluemix
- Customizing Boilerplate Applications in Bluemix
- Using the Bluemix Web Interface

Using Cloud Foundry Command Line

- Overview of Cloud Foundry
- Cloud Foundry Architecture
- Installing Applications with cf CLI
- Uploading Applications with cf CLI
- Scaling Applications with cf CLI
- Introduction to Build Packs

Test-Driven Development and Agile Best Practices

- Overview of Test-Driven Development (TDD)
- Writing Automated Tests
- Continuous Integration and Continuous Delivery (CI/CD)
- Agile Software Development
- Best Practices for Agile Development

Adjusting Applications with DevOps Services

- Overview of DevOps
- Continuous Integration and Continuous Delivery (CI/CD)
- Deployment Automation
- Monitoring and Logging
- Using DevOps Services and Tooling

Using Environmental Variables

- Overview of Environmental Variables
- Benefits of Using Environmental Variables
- Best Practices for Managing Environmental Variables
- Separating Configuration from Code
- Managing Secrets and Credentials

Fundamentals of Containers, Docker Files

- Overview of Containers
- Docker Files and Images
- Container Orchestration
- Benefits of Containers
- Overview of Virtual Machines

Budgeting of Applications

- Introduction to Application Budgeting
- Understanding Cost Factors
- Optimizing Costs for Applications
- Managing Resources Efficiently