



SENIOR DEVOPS ENGINEER

HANDS-ON IT TRAINING | BY SCARSTACK SOLUTION

[HTTPS://SCARSTACKSOLUTION.COM](https://scarstacksolution.com)

The Senior DevOps Engineer

Training Cost: \$1,200 | Duration: 10 Weeks

Become Highly proficient in the Containerization, Deployment, and Automation of Web Apps, RESTful APIs and Databases. You will also gain Technical skills in Continuous Integration and Delivery (CI/CD), Git Repos, Test Plans, Instrumentation Strategy, IaC, Automation Tools, Orchestration and Microservices.

• CERTIFICATION YOU'LL EARN:

Microsoft Certified DevOps Engineer Expert

Top 10 Paying companies for this Role:

1. Google: \$250,711/yr.
2. Apple: \$226,889/yr.
3. LinkedIn: \$223,047/yr.
4. LiveRamp: \$222,957/yr.
5. Amazon: \$218,114/yr.
6. NVIDIA: \$214,978/yr.
7. Zillow: \$211,773/yr.
8. Upstart: \$210,650/yr.
9. Workday: \$208,464/yr.
10. AppDynamics: \$206,486/yr.

Why Become A Senior DevOps Engineer?

Becoming a Senior DevOps Engineer is a strategic career choice driven by concrete evidence of success in major corporations, including fortune 500 leaders. Amazon reported a 75% reduction in system downtime and a 50% increase in deployment frequency after implementing Senior DevOps Engineers into their teams. In a world where downtime can cost millions and agility is paramount, this role ensures not only technical excellence but also business competitiveness.

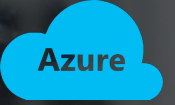
How Much Do Senior DevOps Engineers Earn?

Senior DevOps Engineers earn an average of between \$110,000 - \$175,000 per annum.

[Glassdoor Salary Confirmation](#)

What You'll Gain From This Training:

1. Practical hands-on approach through each class of the training.
2. Materials & training to earn the cloud architect certification.
3. Hands-on lab assessments to assess your skills for each class.
4. Weekly homework assignments to keep you continuously engaged.
5. Free resume building offered after training completion.
6. One-on-one mentorship to address any specific challenges.
7. Free mock interview preparations to get candidates prepared for interviews.



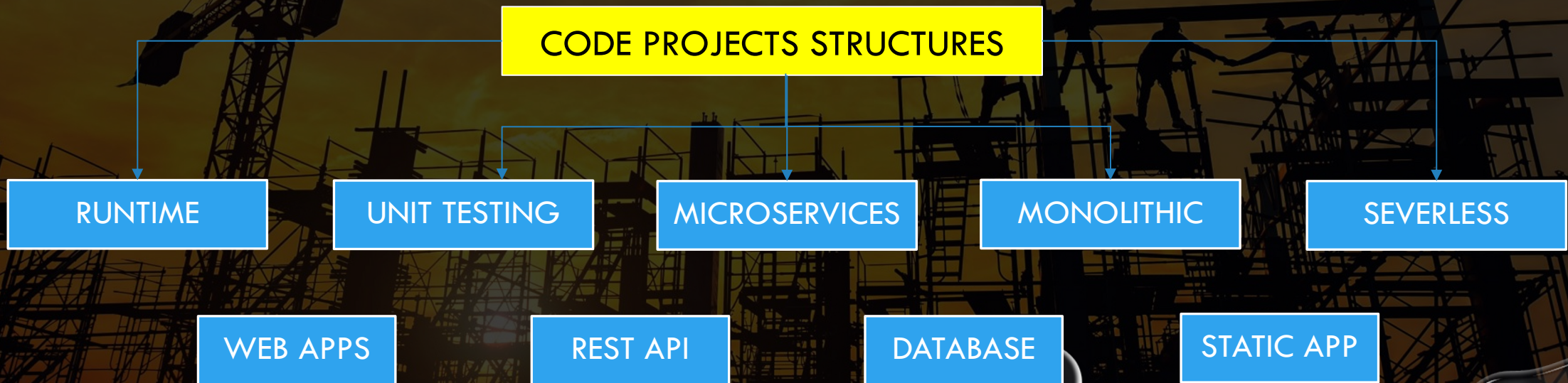
TRAINING MODULE

- INTRODUCTION TO DEVOPS ENGINEERING
- DEVOPS PRACTICES & APPROACHES
- VERSION CONTROL USING GIT
- CONTINUOUS INTEGRATION (CI)
- CONTINUOUS DEPLOYMENT (CD)
- TEST AUTOMATION & BOARDS
- CONTAINERS & ORCHESTRATION
- INFRASTRUCTURE AS CODE (IAC)
- MONITORING & AUTOMATION
- DEVOPS OPERATIONS IN THE CLOUD

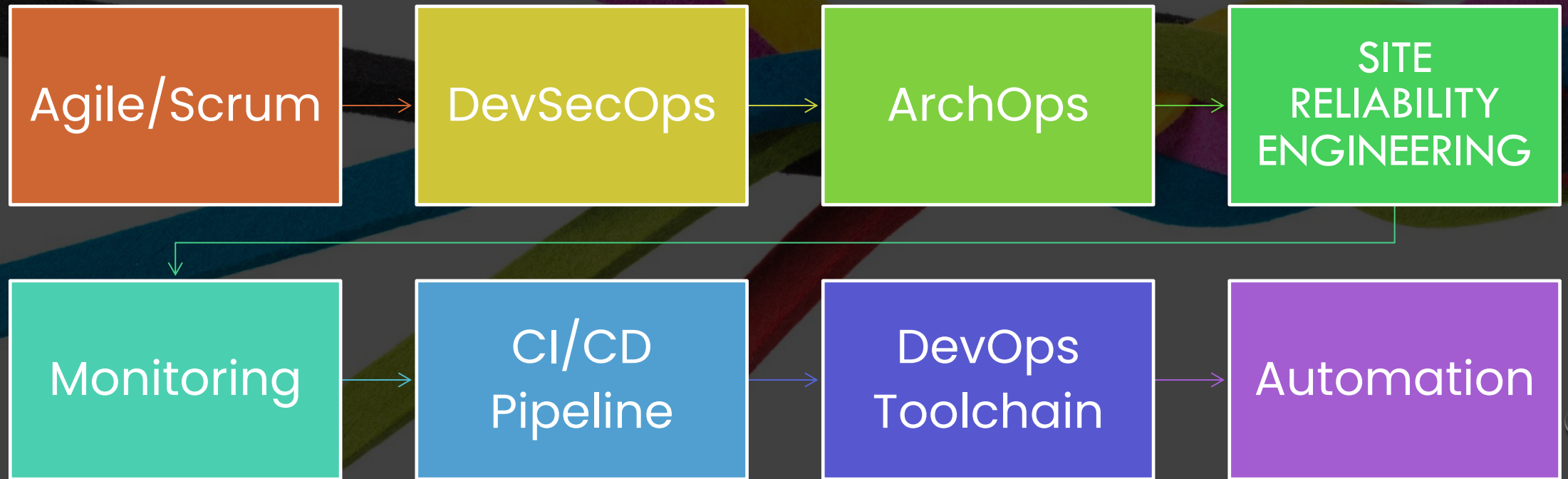


INTRODUCTION TO DEVOPS ENGINEERING

- DEVOPS DEFINITION, DEVOPS PRINCIPLES AND THE DEVOPS CULTURE
- ROLES & RESPONSIBILITIES OF DEVOPS ENGINEERS
- KEY BENEFITS OF DEVOPS & WHO THE DEVOPS WORK'S WITH
- DEVOPS IN RELATION TO MODERN CLOUD PLATFORMS



DEVOPS PRACTICES & APPROACHES



VERSION CONTROL USING GIT



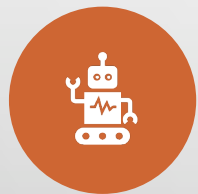
Installing and
Configuring Git



Git Operations with
Local Terminals



Git operations with
GitHub Desktop



Git operations with
Integrated Env (IDE)

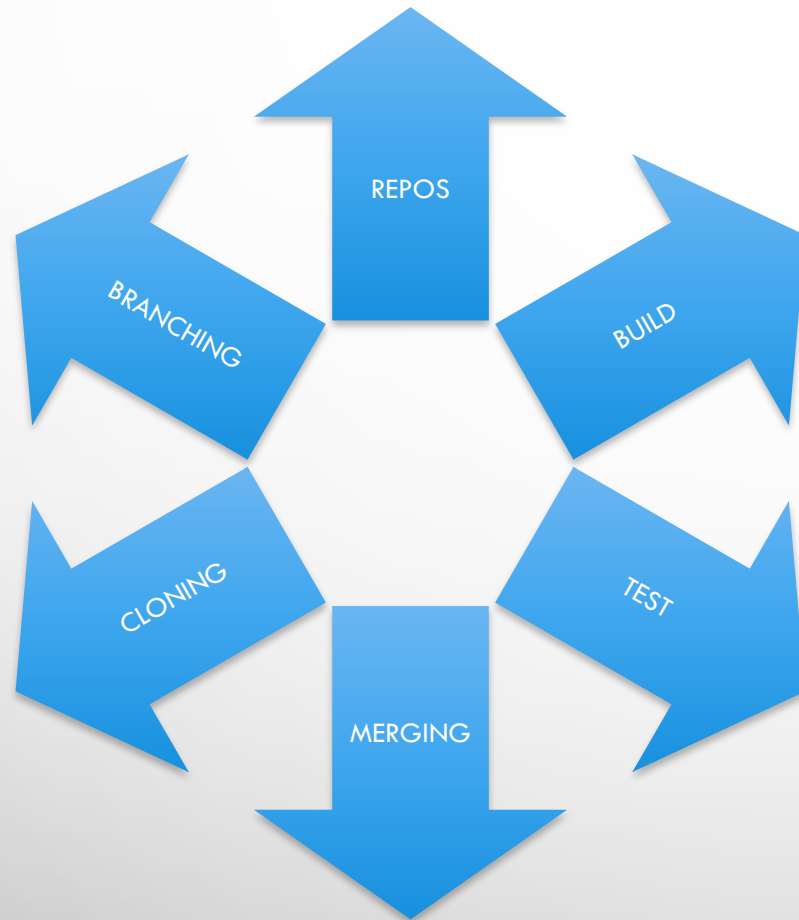


Git operations with
CMD.EXE



Git Operations with
Git Bash

CONTINUOUS INTEGRATION (CI)



Azure DevOps

GitHub

Docker

GitLab

Bitbucket

CONTINUOUS DEPLOYMENT

- ENVIRONMENTS
- PIPELINES
- ARTIFACTS
- RELEASES
- JOBS
- RELEASE GATES
- TRIGGERS
- ACTIONS
- WORKFLOWS
- DEPLOYMENT



TEST AUTOMATION AND AZURE BOARDS

- TEST SUITES
- TEST PLAN
- TEST RUNS
- AZURE BOARD
- SPRINTS
- BACKLOGS





CONTAINERS & ORCHESTRATION

- ✓ INTRODUCTION TO DOCKER
- ✓ DOCKER WITH GITHUB
- ✓ DOCKER HUB REPOS
- ✓ KUBERNETES
- ✓ APP SERVICES
- ✓ CONTAINER APPS
- ✓ CONTAINER INSTANCES
- ✓ KUBERNETES SERVICES
- ✓ CONTAINER REGISTRIES (ACR)

INFRASTRUCTURE AS CODE (IAC)

01

Overview of
Infrastructure
as Code

02

Azure
Resource
Manager

03

Build a
Custom
Template

04

ARM
Templates

05

Terraform
HCL

06

Bicep for
Azure

07

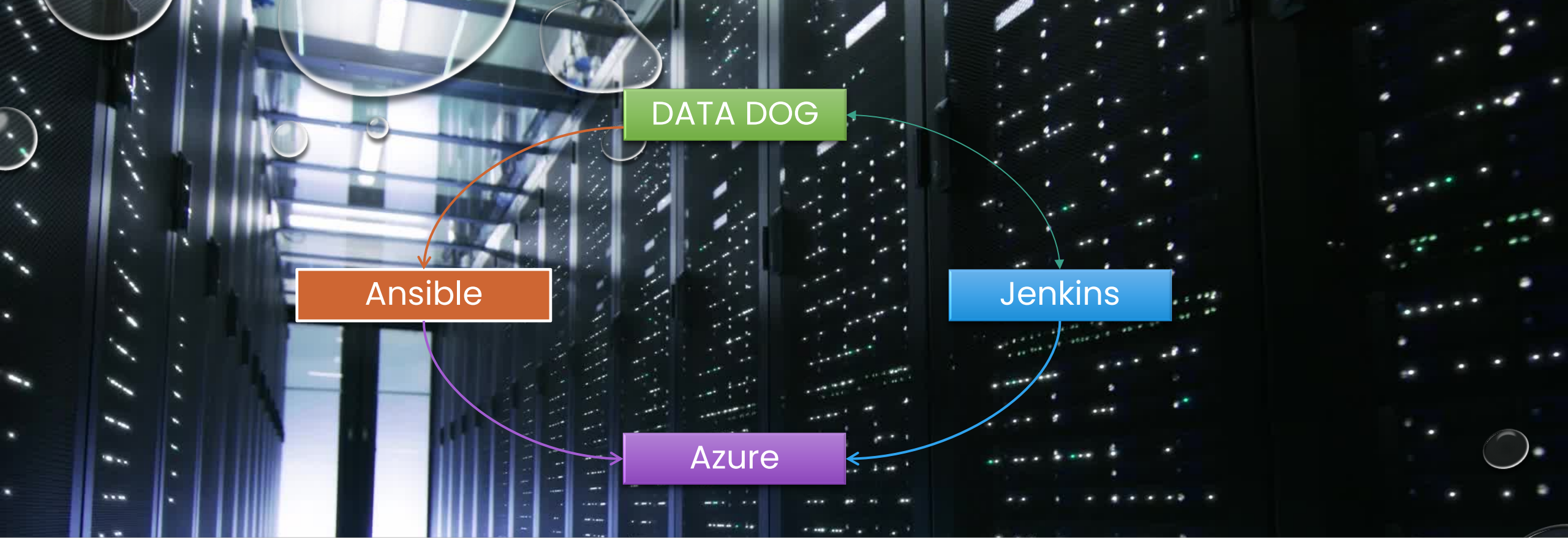
Template
Specs

08

IaC With
GitHub

09

IaC with
CloudShell



DEVOPS MONITORING & AUTOMATION

A close-up photograph of a microscope's objective lens and stage, rendered in a monochromatic blue color scheme. Several water droplets of various sizes are scattered across the scene, some in sharp focus and others blurred, creating a sense of depth and scientific precision. The lighting is soft, highlighting the metallic textures of the microscope and the glistening surfaces of the droplets.

DEVOPS OPERATIONS IN THE CLOUD

- AZURE DEVTEST LAB
- AZURE DEV CENTER
- AZURE LAB SERVICES
- AZURE BLUEPRINTS
- AZURE LOAD TESTING