

Greetings from **GAMUT GURUS TECHNOLOGIES.....**

Please find the below details of Dev-Ops Course that we offer .

Dev-ops course Overview:

One big leap in IT industry is Dev-Ops . Dev-Ops emphasizes people and culture that seeks to improve collaboration between operations and development. Dev-Ops implements technology with automation tools that can leverage an increasingly programmable and dynamic infrastructure on a lifecycle perspective.

80% of Global Fortune is expected to onboard Dev-Ops in the near future

Researchers say average salary of Dev-Ops Engineer is **\$110k** Salary.

Course overview

1. 11 Modules & Sub-modules
2. 50 Hours of Instructor-led sessions
3. No slides, command line and real-time project oriented training
4. Interview questions, preparation, job assistance
5. Placement assistance and after job support
6. Flexible Schedule - 4 batches a day, classes can be taken in any batch
Attend course twice without extra fees

Trainer Experience

Our Trainers are well known and experienced Dev-Ops Consultants and Architects. Our trainers are passionate one's who have completed 200+ Dev-Ops batches which includes classroom, online and corporate trainings.

We believe in interactive sessions rather than slideshows. We work mostly on command-line and digital white board to the core with real-time projects on job orientation.

They have core hands-on experience on large size applications and infrastructures. We are one of the advanced Dev-Ops engineering experts.

Our Trainers are experts in training new-bees with his great training skills who goes down from the scratch.

We believe in quality, commitment and extensive technical knowledge.

We cover the subject very extensively and in-depth with good teaching skills on real-time projects.

Our Trainers covers up the topics by working it on real-time applications, with case-studies, scenarios, interview questions, real-time issues and best practices.

Duration:

45+ days which will happen over 85+ hours .

Dev-Ops Course Curriculum

Infrastructure Setup

Installation of – Git, Jenkins, Ansible, Puppet, Docker, Chef, CVS, Clearcase, Nagios, Maven, Database Hands-on Exercise – All infra setup.

DevOps Foundation

Market Trend and Career Scope for DevOps professionals, Desired Skill set of a DevOps Engineer, Cultural practices and Supporting Tools for smooth and continuous collaboration among Operations, Product Development, Testing, Build N Release, and Deployment

Software Version Control

Concepts of Version Control Systems, Git as SCM, Git Command Line, and Git setup with CI tool Jenkins, SVN, CVS, and Clear case Hands-on Exercise – Create a git project, Checkout a branch, Create a file and add to git, Edit file, Commit the code, Set up Jenkins and integrate with Git.

Automating Build and Test

Automating Builds with Maven and Ant, Building Delivery Pipeline in Jenkins (CI/CD), Test Automation, Security, Notification System in Jenkins Hands-on Exercise – Create a Maven Project, Edit pom.xml file to install a version of junit, set up build delivery pipeline, Set up notification alerts in Jenkins, Configure test plan in Jenkins.

Continuous Integration (CI)

Frequent merge of code to a shared repository after which automated builds and tests are run using Jenkins Hands-on Exercise – Commit code and check if Jenkins runs the build scripts and tests the code using automation script.

Continuous Delivery (CD)

Core principles of Continuous Delivery, collaboration between development and software release, building, testing and releasing software in shorter, more frequent cycles Hands-on Exercise – Deploying various tools like Puppet, Chef, and Nagios for the reliable delivery of software on time.

Docker Container Management

What are Containers, Difference between VM and Container, Docker Fundamentals, Creating & Running Docker Images, Image Distribution, Creating Docker Registry, Compose Scripts, Remote Docker Image Hands-on Exercise – Configure a Docker, Create an image in Docker and run it.

Docker Commands and Best Practices.

Networking concepts in Docker, Using Docker Volume and Creation of a Docker file, a text file to contain the commands to create an image Hands-on Exercise – Create a dockerfile with the commands to create an image, create the image.

Chef

Chef Fundamentals, Chef Environment, Chef Cookbooks & Knife Commands. Node Object & Search, Data-bags, Roles, Deploying Nodes in Production and using the Open Source Chef Server, Vagrant file, Hands-on Exercise – Install a chef server, Configure a Vagrant file and setup directory structure to create and run a Chef server, Install a chef-workstation, create a user account in manage.chef.io website, Generate a knife.rb file from the website to create a chef server.

Ansible

Introduction to Ansible, Configuration, Writing Ansible Playbooks, and Ansible based Configuration Management, Different Roles and Command Line usage Hands-on Exercise – Write Ansible playbook, Assign different roles in configuration tool.

What are the course deliverables?

- Dev-Ops in-depth subject knowledge for new-bees and experienced professionals.
- You will have real time projects that are intended for training.
- Managers, consultants and architects can plan the Dev-Ops process and deliverables in an efficient way.
- Software Engineers will be able to better collaborate with stakeholders throughout all phases of SDLC.

Who should do this course ?

- IT professionals interested in seeking extensive understanding of Dev-Ops.
- IT professionals who are trying to switch to Dev-Ops role.
- New-bees who are searching for Dev-Ops IT jobs .
- Application Developers to understand code deliver process with Dev-Ops culture.
- Professionals who are trying to onboard their current tool-set can team up with us.
- Professionals responsible for designing, reengineering or improving processes.
- Scrum master, Test Engineers, Test Managers, IT Service manager, Application, Production support engineers ,Linux/System administrators.
- Process Managers and Lean IT Practitioners.

Course Fees: Rs. 20,000/- (Rupees Twenty Thousand only).

For more details,

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