Kapil IT Skill HUB
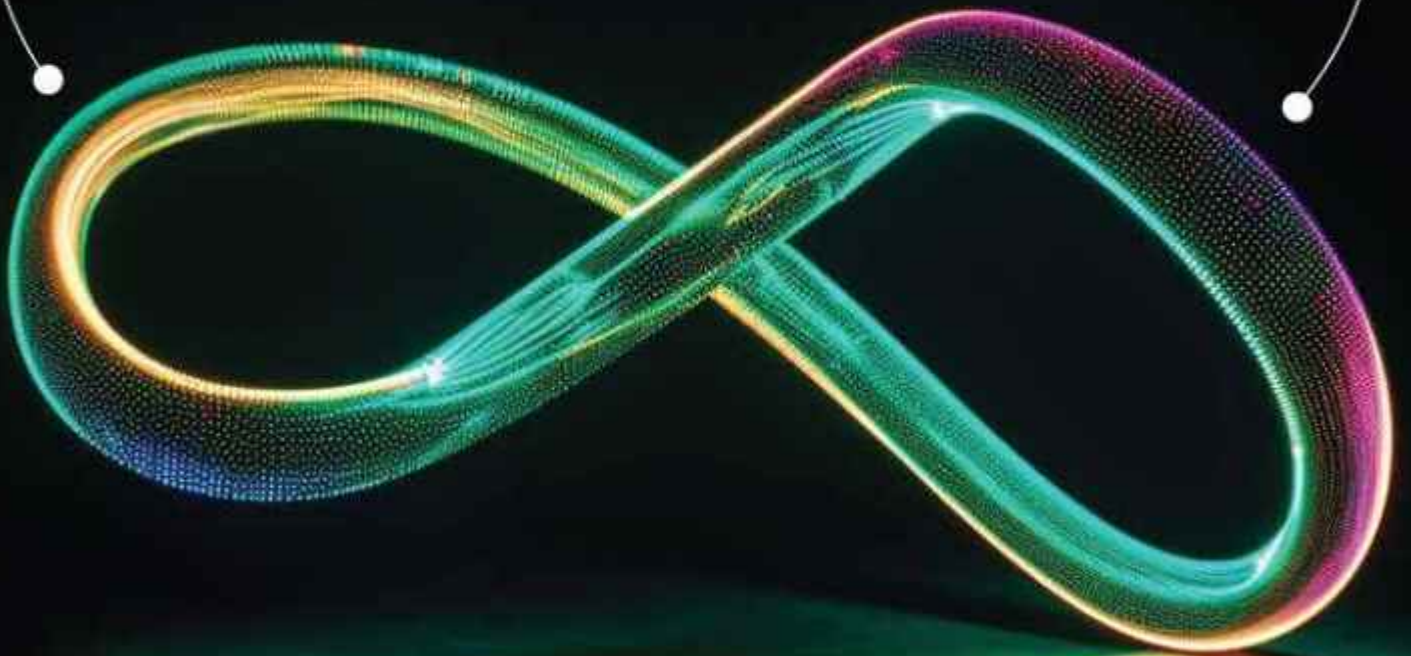### Your path to success

DevOps

Where Development Meets Operations

DevOps CERTIFICATION TRAINING COURSE

DevOps Demo Date   :

DevOps Time   :

DevOps Duration   :   Months

DevOps Trainer   :

DevOps Fee   :   Rs.

Our Expert Trainers

Hello! I'm Anil Kumar Having 15+ Years of Experience It's great to connect with you, and I'm here to help you on your journey into the world of DevOps . I'm excited to share my knowledge and **experience** with you as you on this . Throughout my career, I've had the pleasure of guiding numerous students, and it's always incredible to see them set out on their DevOps journeys.

Training Highlights

> Providing individualized support and mentorship to expedite the learning process.

> A hands-on and comprehensive approach that ensures accessibility and empowers everyone to excel through practical learning and understanding.

> Curriculum crafted by industry experts and subject matter authorities, tailored to prepare students for the real-world demands of their chosen field

> Bringing invaluable insights and expertise to the classroom through guest lectures by prominent professionals from top multinational corporations (MNCs).

Program Pedagogy

Instructor-LED Training
Get Trained by top industry experts

1:1 Personalized Learning
Hands on exercises, project work, quizes & capstone projects

Projects and Exercises
Get real-world experience through projects

Hackthons
Get a sense of how real projects are built

Key Highlights

75 Hrs Instructor-Led Training	100% Job Assistance	Internship Opportunities
90 Days Free Lab access	Kapil IT Skill Certification	Corporate Training Environment

• Hottest Job of 21st Century

1.1 Million Job Postings
There is a global estimate of 1.1 million
job postings for DevOps roles by 2022

Growing DevOps Industry
35.5% CAGR in the global DevOps industry

Popular Degree
43% of DevOps professionals
have a Master's degree

Skill Development
DevOps professionals are equipped with
various relevant skills, fetching lucrative job offers

Future oriented Career
DevOps is a budding field; a head start will
prove to be beneficia

High Demand
By 2022, India and US will face a demand
supply gap of 460,000 DevOps professionals

DevOps Training Program

About the Course

DevOps Training Program will provide you with in-depth knowledge of various DevOps tools including Git, Jenkins, Docker, Ansible, Terraform, Kubernetes, Nagios. This DevOps Certification training is completely hands-on and designed in a way to help you become a practitioner through best practices in Continuous Dev elopment, Configuration Management and Continuous Integration, and finally, Continuous Monitoring of software throughout its development life cycle.

Module 1: Project Management and its Process

Goal: In this module, you will be introduced to the Project Methodologies involved in Software development

Topics:
- SDLC
- New Era of Software Development Methods
- Agile Methodology
- Agile Manifesto
- Agile Scrum Ceremonies
- Agile Scrum Estimation Techniques
- Scrum Team Roles & Responsibilities

Module 2: Overview of DevOps

Goal: I In this module, you will be introduced to the DevOps environment.

Topics:
- Introduction to DevOps Automation
- Benefits of working in a DevOps environment
- DevOps Lifecycle
- DevOps Stages
- Problems the DevOps Solves.

Module 3: Linux for DevOps

Goal: In this module, you will be introduced into the Linux OS.

Topics:
- Understanding Linux Architecture
- Process & Package Management
- Managing User & Group Administration
- Explore File systems

Module 4: Version Control with Git

Goal: In this module, you will gain insights into Source Control Management and learn the functionalities of Git.

Topics:
- Version Control
- Git Introduction
- Git Installation & Configuration
- Commonly used commands in Git
- Working with Remote repository

Module 5: Continuous Integration with Jenkins

Goal: In this module, learn how to perform Continuous Integration by build application with the help of Maven and Create Deployment using CI/CD pipelines using Jenkins.

Topics:
- Introduction to the build tool Maven
- Maven Architecture, Archetypes
- Build Maven Projects
- Overview Of Jenkins
- Introduction to the Continuous Integration
- Setting up Build Jobs and Security
- Jenkins Integrate tool configurations
- Jenkins Master-Slave Node Configuration
- Jenkins Declarative-Scripted Pipelines

Module 6: Configuration Management Using Ansible

Goal: Learn how to manage and configure your infrastructure using Ansible Ad-Hoc commands, Playbooks, and Roles.

Topics:

- Introduction to Configuration Management
- Infrastructure as Code
- Introduction to Ansible
- Ansible Architecture
- Inventory Management
- Ansible Modules, Ad-Hoc commands
- Ansible Playbooks- Roles

Module 7: Containerization using Docker

Goal: This module introduces learners to the core concepts and technology behind Docker. Learn in detail about containers and various operations performed on them

Topics:

- Docker Registry
- Container Life Cycle
- Networking with Docker
- Working with Docker images
- Docker Commands
- Data & Docker Volumes
- Docker Swarm

Module 8: Orchestration using Kubernetes

Goal: Learn In this module, you will learn about Container Orchestration and Basic of container management using Kubernetes.

Topics:

- Introduction to Container Orchestration
- Kubernetes Core Concepts
- Understanding Pods
- Replica Set and Replication Controller

Module 9: Provisioning using Terraform

Goal: Learn how to provision and manage infrastructure on a Cloud Platform (AWS) using Terraform Configuration Files.

Topics:

- Introduction to Terraform
- Terraform vs Ansible
- Terraform Architecture

- Terraform Configuration
- Terraform Common Commands
- Managing Terraform Resources
- Terraform State

Module 10: Nagios

Goal: Learn how to continuously monitor your tasks using various plugins and implementing Nagios Commands

Topics:

- Introduction to Continuous Monitoring
- Introduction to Nagios
- Installing Nagios
- Nagios Plugins(NRPE) and Objects
- Nagios Commands and Notification
- Hands-On
- Installing Nagios
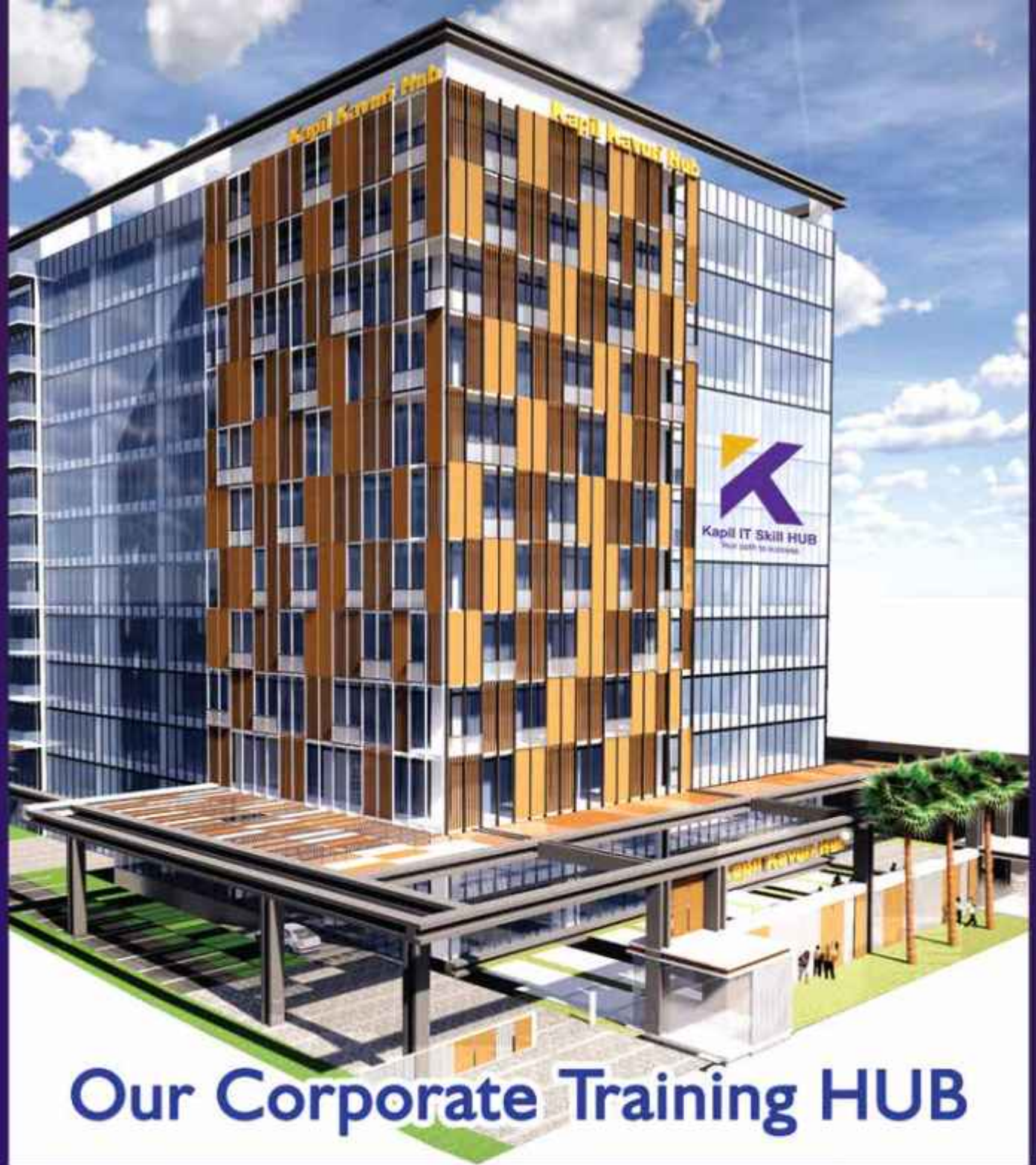- Monitoring of different servers using Nagios

Skills to Master

- GIT
- MAVEN
- JENKINS
- ANSIBLE
- DOCKER
- KUBERNETES
- TERRAFORM
- NAGIOS

SOFT SKILLS

Roots of Communication	LSRW 7 Cs of Communication	Mastering Helping Verb And Main Verb
Roots of Grammar	Parts of Speech Sentence Structure Development Tense Logic Worksheet Sessions	
Speech Intelligence	Vocabulary Development Usage of words Group Discussions JAMS Debates Public Speaking	
Personality Development	Imagination and Innovation Training Centralized Brain Storming Problem Solving Skill s Decision Making	
Mangement Skills	Time Management Team Building Task Management Leadership Skills	
Interview Skills	Employbility Think like a Professional Clearing HR Rounds Salary Negotiation Bond Negotiation	
Presentation Skills	Research Skills Public Speaking Visualization White Board Presentation Mastering Powerpoint Content Creation	Dream Company Reading Skills Comprehension Skills
Personality Development	Mind Mapping Role plays Mock Interview on the Hot Seat Listening Skills Critical Thinking Thought Analysis SWOT Analysis	

Our Corporate Training HUB

Accenture · WaveRock · TCS · Google · Amazon · **Kapil Kavuri HUB**

Kapil IT Skill HUB
Your path to success

KAPIL GROUP OF COMPANIES

Our Expert Corporate Services for your Career Goals

- World-Class Instructors
- 1:1 with Industry Mentors
- Inspired Trainers

Our Scheduled Programs

Step-1
- Enrolment Assistance
- Career Counselling
- Choose Trending Course
- Easy Payment Options

Course Completion
- Designed for Professionals
- Hands-on Learning
- Real Time Support

Step-2

Step-3
- Career Acceleration
- Personalized career coaching
- Mock Interviews
- 100% Job Assistance

ATTEND FREE LIVE MASTER CLASSES

An immersive learning experience
- Develop skills for real career growth
- Learn by working on real-world problems
- Workshops & Boot Camps
- Structured guidance ensuring learning never stops
- Learn from experts active in their field, not out-of-touch trainers

Mastering Soft Skills
- Employability Skills
- Communication Skills
- Job Readiness Skills
- Life Skills

Book a Free Counseling Session

RECENTLY PLACED STUDENTS

RAJ KUMAR
Ray Business Technologies Pvt. Ltd

CHARAN
Itilite Technologies

AMULYA
Advent Global Solutions

ABHISHEK
GRCTOB Tech Labs Pvt Ltd

SUPRIYA
Advent Global Solutions

DRAKSHAVENI
Maple Tax Consulting LLC

SALMAN FISAL
SysWave Technology Pvt Ltd

GOPAL SANTOSH
Maple Tax Consulting LLC

SREEKANTH
GRCTOB Tech Labs Pvt Ltd

SK SHAREEF
Itilite Technologies

PRIYANKA
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MANISHA
Maple Tax Consulting LLC

RESHMA SRI MADALA
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RAVI KIRAN
NiYO Solutions

SUDHARSHAN
Moolya Software Testing

RAMESH NAIDU
Moolya Software Testing

SIDDHARTHA
SAAR Microsystems

SATYA KUMAR
SAAR Microsystems