



Kapil IT Skill HUB
Your path to success



Unlock the Power of the Cloud

Dive into AWS Excellence!



**AWS CERTIFICATION TRAINING COURSE
FOR SOLUTIONS ARCHITECT**



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AWS Demo Date : _____

AWS Time : _____

AWS Duration : _____ Months

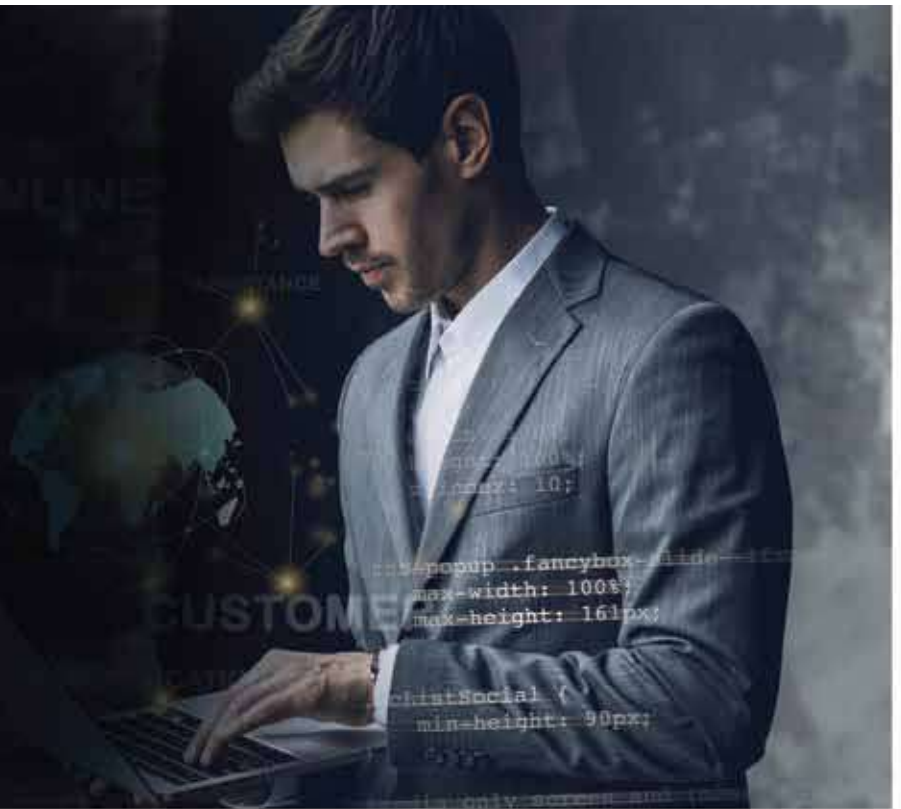
AWS Trainer : _____

AWS 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).

● Key Highlights

75 Hrs Instructor-Led Training

100% Job Assistance

Internship Opportunities

90 Days Free Lab access

Kapil IT Skill Certification

Corporate Training Environment

Program Pedagogy ●

Instructor-LED Training

Get Trained by top industry experts

1:1 Personalized Learning

Hands on exercises, project work, quizzes & capstone projects

Projects and Exercises

Get real-world experience through projects

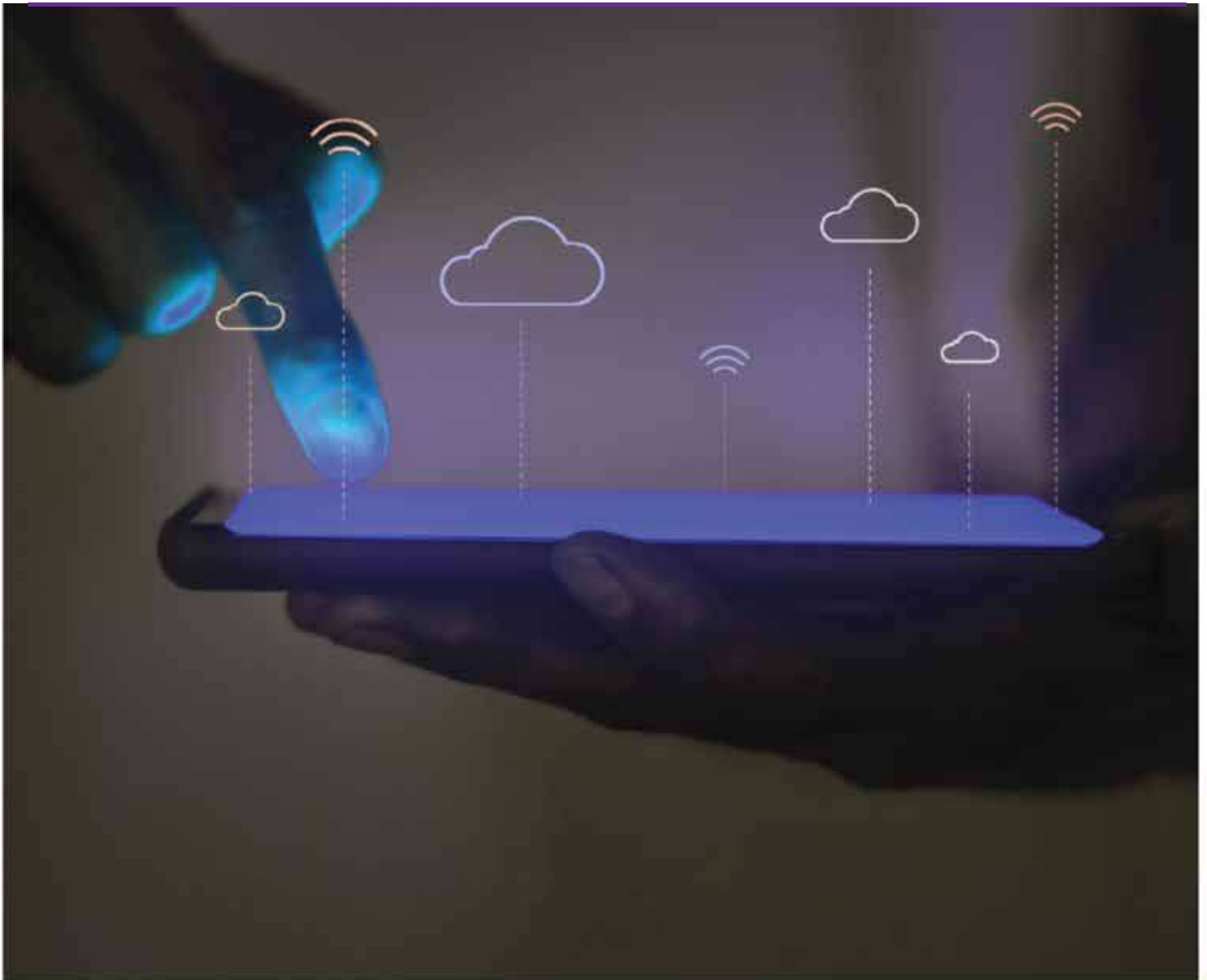
Hackthons

Get a sense of how real projects are built





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● Hottest Job of 21st Century

1.8 Million Job Postings

There is a global estimate of 1.8 million job postings for AWS roles by 2022.

Growing AWS Industry

41% CAGR in the global AWS industry.

Popular Degree

41% of AWS professionals have a Master's degree

Skill Development

AWS professionals are equipped with various relevant skills, fetching lucrative job offers

Future oriented Career

AWS is a budding field; a head start will prove to be beneficial

High Demand

By 2022, India and US will face a demand supply gap of 390,000 AWS professionals



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Introduction to Cloud Computing

- What is Cloud?
- Why Cloud?
- Classic Datacenter
- Types of Cloud Deployment Models
- Types of Cloud Services
- Future of Cloud Technologies
- Amazon Web Services(AWS) and its benefits

Introduction to Amazon Web Services (AWS)

- What is AWS?
- How to Subscribe for AWS account
- What is the AWS Free Usage Tier
- AWS Certification
- Introduction to the AWS management Console
- List of services given by AWS.

Elastic Compute Cloud (EC2)

- What is Amazon EC2?
- Features of Amazon EC2
- Managing the EC2 infrastructure
- EC2 Dashboard
- Pricing for Amazon EC2

Regions and Availability Zone Concepts

- Describing Regions
- Availability Zones and Endpoints
- Managing instances in an Availability Zone

Amazon Machine Images (AMI)

- Managing AMIs
- Working with Windows, Linux AMIs
- Shared and Paid AMI
- Making an AMI Public

EC2 Instances

- Instance Type
- Instance life cycle
- Differences between reboot, stop, and terminate
- Building an EC2 windows and Linux instances
- To install instance in public and private subnet
- Security via Key Pairs
- EC2 Class and VPC Security Groups
- Managing Elastic IP's
- Pricing model in EC2 instances
- EC2 with Amazon command line interface



Amazon Elastic Block Store (EBS)

- Features of Amazon EBS
- Amazon EBS volumes
- Managing EBS volumes
- Increasing the volume size
- Amazon EBS snapshots

Load Balancing (ELB)

- Creating a load balancer
- Internal and external load balancer
- Load balancing protocols
- Security groups for the load balancer
- Health check for the load balancer
- Cross-zone load balancing
- Connection Draining



Auto Scaling

- What is auto scaling?
- Auto scaling components
- Creating of launch configuration
- Configuration & write auto scaling policies
- Advantages of using auto scaling with ELB
- Creating Launch Configuration and Auto Scaling Groups
- Deploy the machines behind NLB and perform CPU stress testing
- Simulate Auto Scaling Scenarios

Network & Security

- Security Groups
- Elastic IPs
- Placement Groups
- Key Pairs
- Network Interfaces

Networking Services / Amazon Virtual Private Cloud (VPC)

- What is Amazon VPC?
- VPC Essentials
- Default and Non-default VPC
- VPC Networking and ACL
- Security Groups
- DNS and DHCP Options Sets
- VPC Peering and Endpoints
- Subnet Routing
- VPC Internet Gateway
- Elastic IP addresses and network interfaces
- VPC integration with many other AWS services
- Creating a NAT instance in a VPC
- Configuring a Web application in VPC
- Pricing for Amazon VPC



Amazon Route 53

- Route 53 as your DNS service
- Using Traffic Flow
- Route 53 Health Checks
- Configuring DNS Failover
- Latency Based Routing
- Weighted Routing Policies
- Hosting web portal using Route53
- Bucket Policies

Security & Identity Services / Identity Access Management (IAM)

- IAM Features
- Getting started With IAM
- Creation of user, groups, roles
- Managing & Writing policies
- Credential Report
- IAM Console and the Sign-in Page

Storage & Content Delivery Services Amazon S3

- What is object Storage?
- Traditional Storage
- Need to Move to Cloud Storage
- Traditional vs. Cloud Storage Cost
- Cloud Storage
- Different Storage Options Available on AWS
- Data as objects
- Lifecycles of S3
- Access Control List (ACL)
- Amazon S3 Transfer Acceleration
- Managing Buckets
- Accessing S3 storage via tools
- Creation of a static website using S3 storage



Database Services

Relational Database Service (RDS)

- Introduction Databases and SQL vs NoSQL
- Deploy MySQL RDS Multi-AZ Database Selecting the Engine
- Create a new DB on RDS and alter the data
- Perform Failover and Failback of RDS Database
- Setting up automatic backups
- Authorizing access to the DB



Amazon Cloud Watch

- Amazon Cloud Watch Architecture
- Introduction Cloudwatch, Dashboards, Alarms,
- List of services monitored by Cloud Watch
- Cloud Watch Logs
- Monitoring memory and disk Metrics
- Monitoring logs, Graphs
- Set Alarms

Amazon Security Groups and NACL

- What is Security Group?
- Where the Security Groups are used in AWS?
- What is NACL?
- Difference between NACL and Security Groups
- Implementation of Security Groups and NACL service

Cloud Formation

- Building AWS infrastructure as a code
- Design a template
- Create a Stack
- Create a Template from your Existing Resources
- Introduction to JSON

AWS NAT Gateway

- Process of working with public & private subnets
- Elastic IPs

AWS Lambda

- Understanding AWS Lambda
- Creating function using Python in Lambda and Understanding contexts
- And events
- Integrating AWS Lambda with other AWS Services

AWS Migration

- AWS Migration Overview
- Deploying AWS Service Migration

AWS EKS & ECS Services

- Introduction to Container Services
- Installing and configuring Docker
- Understand Docker Hub and download images
- Creating containers on Docker pushing images to Docker Hub
- Introduction to ECR and ECS.
- Create ECS Cluster with EC2 Machines.
- Deploying AWS EKS Cluster.
- Deploying PODs, Deployments & Services on EKS



Application Services

Amazon Simple Email Service (SES)

- Simple email service overview
- Configuring Amazon email service
- Amazon SES and Deliverability
- Amazon SES Email-Sending Process
- Email format and Limits of SES

Amazon Simple Queue Service (SQS)

- Simple Queue service overview
- SQS for background work task
- Creating a Queue
- Confirming the Queue exists
- Add permission to the Queue

Amazon Simple Notification Service (SNS)

- Simple Notification Service overview
- Publishers and subscribers
- Creation of a topic
- Subscribing to topic via Email
- Setting notification for EC2 instance changes

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AWS TERRAFORM

- Infrastructure Provisioning
- What is Infrastructure as code?
- Infrastructure as Code (IAC) in Cloud?
- Terraform Vs. Other Orchestration Tools – Why Terraform is the right choice
- Installation
- Core Terraform Components
- Terraform Syntax, internals & Patterns
- Launch EC2 using Terraform
- Launch VPC, EC2, S3 using Terraform

WHAT WE OFFER

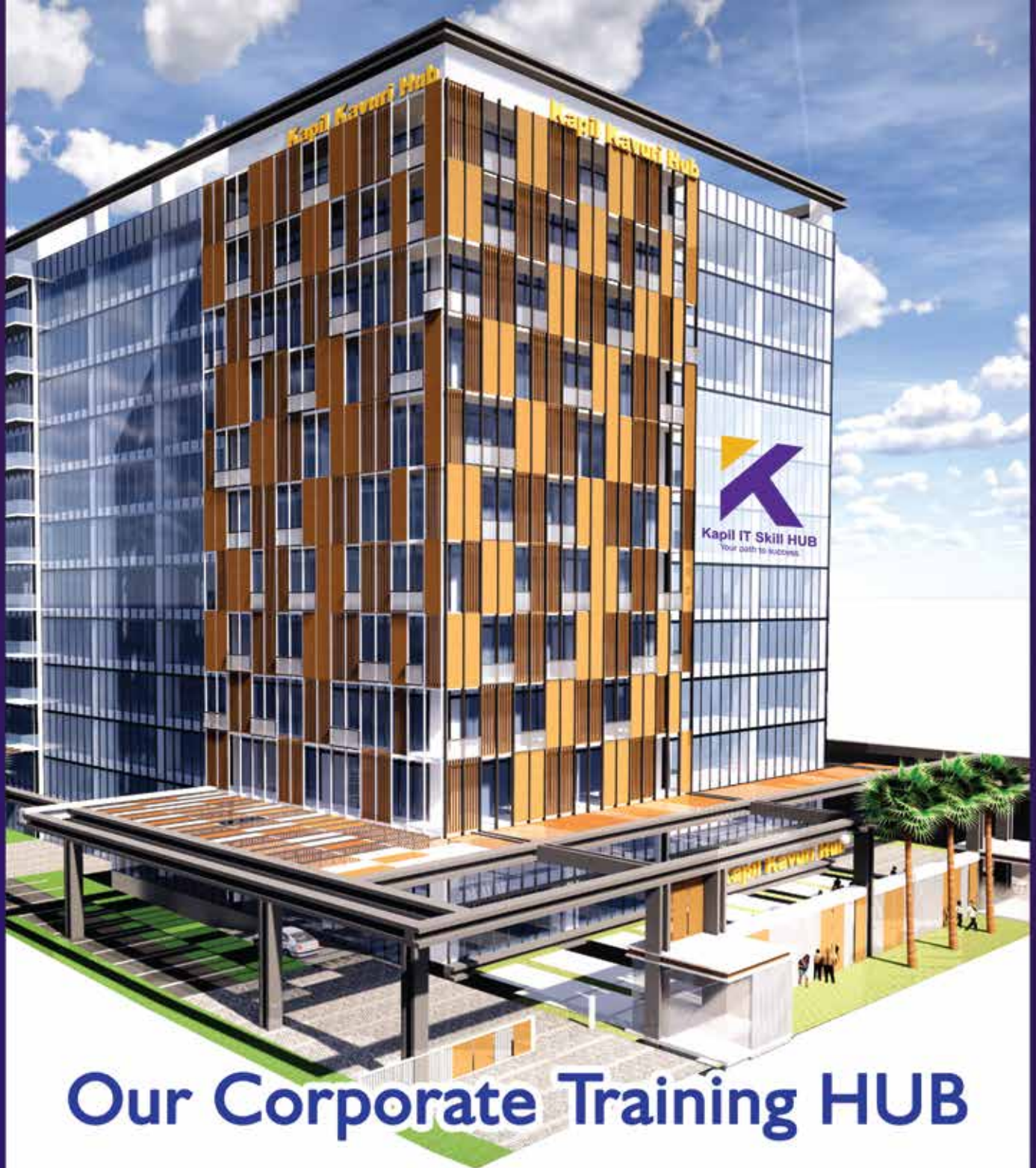
- Mock Interviews will be conducted on a one-to-one basis after the course duration.
- FAQ's
- Hands-on execution of every service in the classroom.
- Soft copy classroom notes & assist in Resume Preparation.
- Real-Time Interview Questions.
- Execution of all the services in the classroom with hands on.



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 Skills Decision Making	
Management Skills	Time Management Team Building Task Management Leadership Skills	
Interview Skills	Employability 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	





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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



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



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Counseling
Session**



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SIDDHARTHA
SAAR Microsystems



SATYA KUMAR
SAAR Microsystems





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CODE YOUR CAREER FOR SUCCESS



ENROLL NOW

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