



CLOUD COMPUTING & DEVOPS

Job Opportunity Program*

Master Cloud Computing and DevOps skills and take your career to the next level with this Job Opportunity Course!



10 Million
Learners



1:1 Personalized
Mentorship



55% Average
Salary Hike

Cloud Computing and DevOps

This Course in Cloud Computing & DevOps will help you gain proficiency in both the cloud computing and DevOps domains. Work on real-life projects and multiple hands-on assignments in AWS, DevOps, Azure, and much more. With this course get placements services for 12 months after course completion and only upon moving to the placement pool by clearing the Placement readiness Test (PRT). The course has been designed to help the learners become certified Cloud & DevOps Architects.



100% Guaranteed Job Interviews*

Hottest Job of 21st Century



1.1 Million Job Postings

There is a global estimate of 1.1 million job postings for Cloud Computing and DevOps roles by 2026



Skill Development

Cloud Computing and DevOps professionals are equipped with various relevant skills that fetch lucrative job offers



Growing Cloud Computing and DevOps Industry

22% CAGR in the global Cloud Computing and DevOps industry by 2030



Future-oriented Career

Cloud Computing and DevOps is a budding field; a head start will prove to be beneficial



Popular Degree

43% of Cloud Computing and DevOps professionals have a master's degree



High Demand

In 2022, India and the US will face a demand-supply gap of 460,000 Cloud Computing and DevOps professionals

Our Credentials



10 Million+

Aspiring Active Students



1,000+

Industry-expert Instructors



400+

Hiring Partners



500+

Corporates Upskilled



55%

Average Salary Hike



155+

Countries' Learners

* Upon selection in the placement pool

About Program

Intellipaat's Course in Cloud Computing and DevOps will provide you with in-depth knowledge on how to build applications on the cloud. This course will help you learn the best practices for deploying SaaS, PaaS, and IaaS applications on AWS, and Microsoft Azure. Master DevOps tools to automate and improve software applications' overall efficiency and delivery.



Learning Format

Online Boot Camp



7 Months

Live Classes



Guaranteed

Job Opportunity



IBM & Microsoft

Certifications

Key Highlights

- ✓ 100% Job Opportunities Guaranteed within 12 Months of Course Completion upon moving to the placement pool
- ✓ Minimum 10 interview guaranteed
- ✓ One-on-One with Industry Mentors
- ✓ 50+ Industry Projects & Case Studies
- ✓ 24*7 Support
- ✓ Certification from IBM & Microsoft

- ✓ 208 Hrs of Self-Paced Learning
- ✓ 7 months of Live Sessions from Industry Experts
- ✓ Dedicated Career Services Sessions
- ✓ Suitable for Technical as well as Non-technical Graduates
- ✓ Essential Soft Skills Training
- ✓ e-Learning Videos of DevOps from IBM
- ✓ Revision & Doubt Clearing Sessions on Weekdays

Program Pedagogy



Instructor-led Training

Get trained by top industry experts



24*7 Technical Support

Speak to Subject Matter Experts anytime and clarify your queries instantly



Self-paced videos

Learn at your own pace with world-class content



Projects and Exercises

Get real-world experience through projects



Hackathons

Get a sense of how real projects are built



Peer Networking and Group Learning

Improve your professional network and learn from peers through our innovative Peer Chat tool



Gamified Learning

Get involved in group activities to solve real-world problems



1:1 Personalized Learning

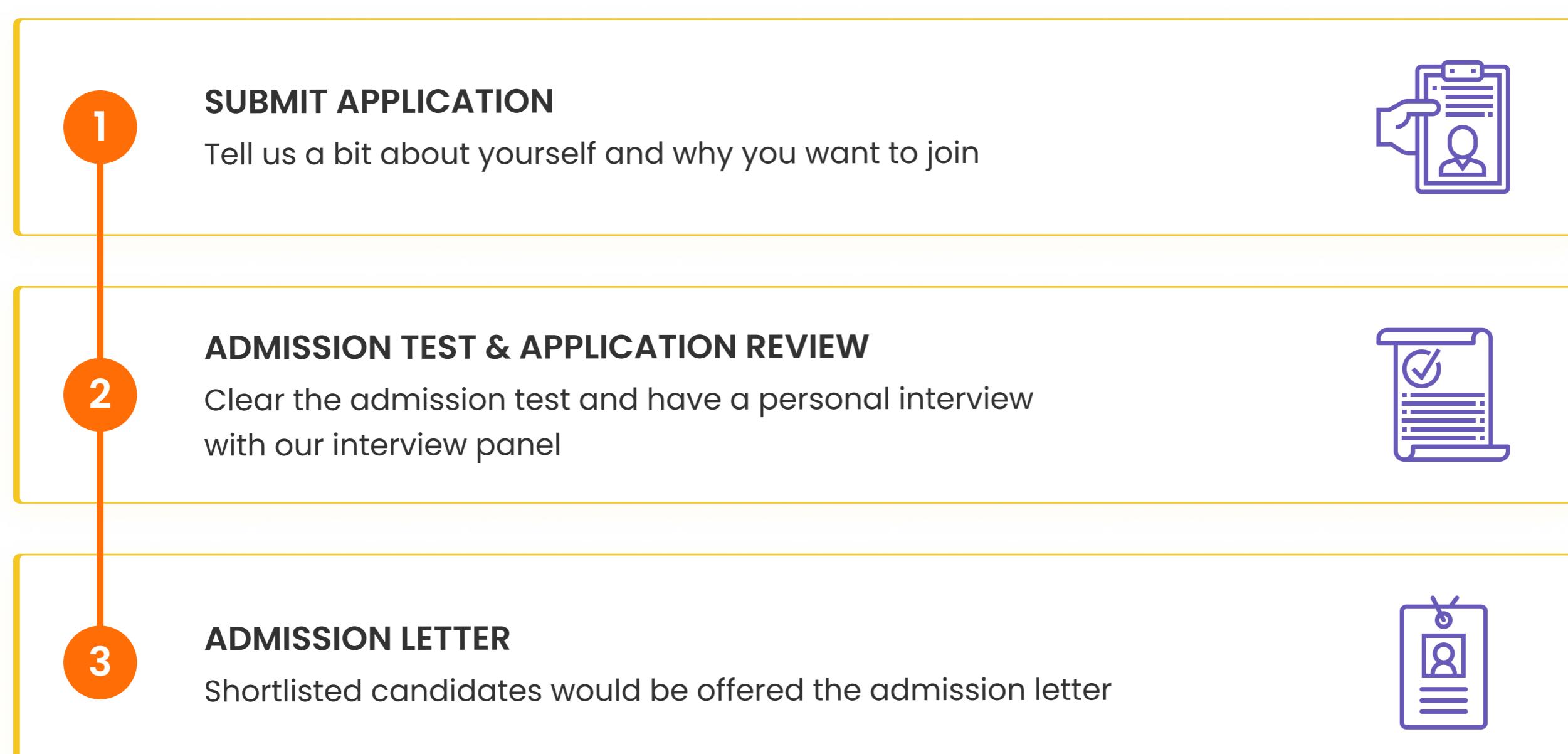
Hands-on exercises, project work, quizzes, and capstone projects

Who Can **Apply for the Course?**

- ✓ Individuals who have pursued B.E., B.Tech, B.Sc, BCA., M.E., M.Tech, B.Com, M.Com, M.Sc., and MCA.
- ✓ College students in the last year of their graduation or post-graduation or fresh graduates.
- ✓ Any working professional up to 28 years old.
- ✓ Anyone looking for a career transition to Cloud computing and DevOps.
- ✓ Candidates with an annual salary of less than 7 lakhs
- ✓ Candidates from Technical and Non-Technical domains can apply

Application **Process**

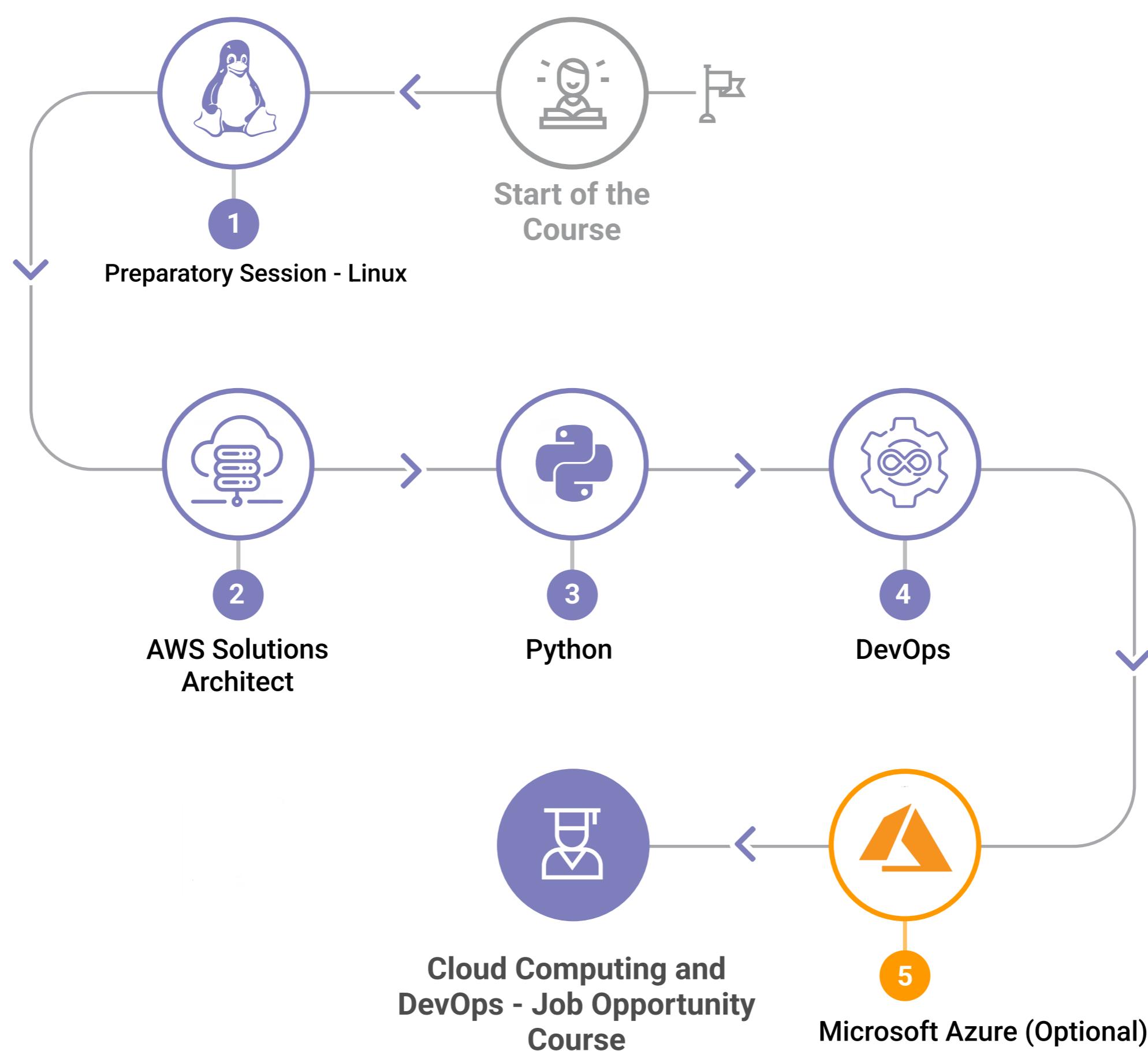
The application process consists of three simple steps. Candidates have to submit their applications. An offer of admission will be made to the selected candidates, and their application will be accepted upon the payment of the admission fee.



Learning Path

Live Courses

- Live Courses
- Self-paced
- Optional



Self-paced Courses

- Microsoft Azure 305
- Azure Data Engineer
- Google Cloud Platform
- Splunk Developer and Admin

Program Curriculum

```
modifier_ob.select=1  
 bpy.context.scene.objects.active = modifier_ob  
 print("Selected" + str(modifier_ob)) # modifier ob 1  
 mirror_ob.select = 0  
 bpy.ops.object.mirror(mirror_type='Z', use_bounding_box=True)
```

Module 1

Preparatory Session – Linux

Linux Preparatory

- Introduction to Linux
- Linux Basics
- Hands-on Sessions And Assignments for Practice
- Interview Preparation Sessions

Module 2

AWS Solutions Architect

- Introduction to Cloud Computing & AWS
- Elastic Compute and Storage Volumes
- Load Balancing, Autoscaling and DNS
- Virtual Private Cloud
- Storage – Simple Storage Service (S3)
- Databases and In-Memory DataStores
- Management and Application Services
- Access Management and Monitoring Services
- Automation and Configuration management
- AWS Migration
- Interview Preparation Sessions

Self Paced

- Architecting AWS – whitepaper
- DevOps on AWS
- Amazon FSx and Global Accelerator
- AWS Architect Interview Questions

Career Services Sessions

- Regular Test & Performance Monitoring by Technical Mentors
- Interview Preparation Sessions
- Hackathons / Projects Evaluation & Solutioning

Module 3

Python

- Introduction to Python and IDEs
- Python Basics
- Object Oriented Programming
- Hands-on Sessions And Assignments for Practice
- Interview Preparation Sessions

Career Services Sessions

- Regular Test & Performance Monitoring by Technical Mentors
- Interview Preparation Sessions
- Hackathons / Projects Evaluation & Solutioning

Module 4

DevOps

- Infrastructure Setup
- Introduction to DevOps
- Version Control with Git
- Containerization Using Docker
- Configuration Management using Puppet
- Configuration Management using Ansible
- Continuous Testing using Selenium
- Continuous Integration with Jenkins
- Continuous Orchestration Using Kubernetes
- Continuous Monitoring using ELK
- Terraform Modules & Workspaces

Career Services Sessions

- Regular Test & Performance Monitoring by Technical Mentors
- Interview Preparation Sessions
- Hackathons / Projects Evaluation & Solutioning

Module 5

Microsoft Azure (Optional)

- Introduction to Microsoft Azure
- Introduction to ARM & Azure Storage
- Introduction to Azure storage
- Azure Virtual Machines
- Azure App and Container services
- Azure Networking – I
- Azure Networking – II
- Authentication and Authorization in Azure using RBAC
- Microsoft Azure Active Directory
- Azure Monitoring
- Interview Preparation Sessions

Program Curriculum

```
modifier_obj.select=1  
 bpy.context.scene.objects.active = modifier_obj  
 print("Selected" + str(modifier_obj)) # modifier obj  
 mirror_obj.select = 0  
 bpy.ops.object.mirror_edit_create(side='RIGHT')
```

Career Services Sessions

- Regular Test & Performance Monitoring by Technical Mentors
- Interview Preparation Sessions
- Hackathons / Projects Evaluation & Solutioning

Job Readiness

- Job Search Strategy
- Resume Building
- Linkedin Profile Creation
- Interview Preparation Sessions by Industry Experts
- Mock Interviews
- Placement opportunities with 400+ hiring partners upon clearing the Placement Readiness Test.

Module 6

Microsoft Azure 305

- Introduction to Microsoft Azure
- Introduction to ARM & Azure Storage
- Introduction to Azure storage
- Azure Virtual Machines
- Azure App and Container Services
- Azure Networking
- Azure Networking – II
- Authentication and Authorization in Azure using RBAC
- Microsoft Azure Active Directory
- Azure Monitoring
- Multi Factor Authentication (MFA)
- Migration in Azure
- Azure Data Platform – I
- Azure Data Platform – II

Module 7

Azure Data Engineer

- Non-Relational Data Stores and Azure Data Lake Storage
- Data Lake and Azure Cosmos DB
- Relational Data Stores
- Why Azure SQL?
- Azure Batch
- Azure Data Factory
- Azure Data Bricks
- Azure Stream Analytics
- Monitoring & Security

Module 8

Google Cloud Platform

- Introduction to Google Cloud
- Google Cloud Services
- Google Computing Services
- Google Storage Services
- Google Cloud APIs
- Google Networking Services
- IAM & Security Services
- Migrating to Google Cloud

Module 9

Splunk Developer and Admin

- Splunk Development Concepts
- Basic Searching
- Using Fields in Searches
- Saving and Scheduling Searches
- Creating Alerts
- Scheduled Reports
- Tags and Event Types
- Creating and Using Macros
- Workflow
- Splunk Search Commands
- Transforming Commands
- Reporting Commands
- Mapping and Single Value Commands
- Splunk Reports and Visualizations
- Analyzing, Calculating and Formatting Results
- Correlating Events
- Enriching Data with Lookups
- Creating Reports and Dashboards
- Getting Started with Parsing
- Using Pivot
- Common Information Model (CIM) Add-On

Splunk Administration Topics

- Overview of Splunk
- Splunk Installation
- Splunk Installation in Linux
- Distributed Management Console
- Introduction to Splunk App
- Splunk Indexes and Users
- Splunk Configuration Files
- Splunk Deployment Management

Program Curriculum

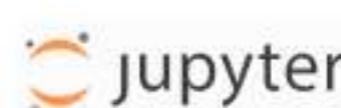
- Splunk Indexes
- User Roles and Authentication
- Splunk Administration Environment
- Basic Production Environment
- Splunk Search Engine
- Various Splunk Input Methods
- Splunk User and Index Management
- Machine Data Parsing
- Search Scaling and Monitoring
- Splunk Cluster Implementation

```
modifier ob.select=1  
bpy.context.scene.objects.active = modifier_ob  
print("Selected" + str(modifier_ob)) # modifier ob is  
selected ob.select = 0  
# bpy.ops.object.select_all(action='DESELECT') # unselect all ob
```

Skills to Master

- | | | | |
|---------------|----------|------------|---------------------|
| • AWS EC2 | • ELB | • Azure | • Blobs |
| • Replication | • CD | • Azure VM | • Access Management |
| • DevOps | • Docker | • Selenium | • Maven |
| • Jenkins | • Nagios | • Python | • Lambda Functions |
| • Pandas | • Linux | • Splunk | |

Tools to Master



Course Projects

Projects cover the following industries:



Retail



Social Media



Supply Chain



Entrepreneurship



E-commerce



Banking



Healthcare



Insurance

Beginner

Deploy a Multi-tier Website using AWS EC2

Enable fast scaling of a website using AWS, while ensuring low or 0 upfront costs. This multi-tier website deploying project also requires learners to successfully launch an EC2 instance to develop and deploy applications.

Beginner

Sort Objects in an S3 Bucket with Beanstalk and Lambda

Effectively upload an application for successful uploading of objects to an S3 bucket from Elastic Beanstalk. As a part of the project, also set up Lambda functions to trigger object creation in the S3 bucket and sort them.

Beginner

Create Azure Virtual Machines

This project has been included as a part of the training to enable you to manage scaling requirements using scale sets and use a custom image to create a Virtual Machine. Also, automate the scaling of Virtual Machines as required.

Intermediate

Send Notifications to Patients Using Push Notifications

The project is based on a dataset related to the medical industry. It will allow you to design an architecture to send notifications to patients based on their doctors' feedback, using SNS will increase reliability and resilience.

Intermediate

Load balancing and Network watcher

Successfully set up a load balancer for the backend resources. Also, it is suggested to ensure that the setting is such that a single frontend IP is exposed and a network watcher is available to generate alerts in the Azure portal.

Intermediate

Analyzing the Naming Trends Using Python

This project involves the analysis of naming trends using Python. Also, use the Python programming language to understand the applications of data manipulation, extract files with data, and concepts of data visualization.

Advanced

Analysis of Customer Churn Dataset

The project provides real-time experience in one of the scenarios of the Telecom industry. Use Data Science and data visualization to perform real-time analysis on the reliability of the employees of the Telecom industry.

Advanced

Create Automated Test Cases

The learners are required to create automated test cases with Selenium. As an important part, the learners will also be required to create runnable jar files along with running headless tests in Chrome using Non-GUI Linux.

Advanced

Library Management System

As an important part of this commonly used project, build a library management system and perform various functions. The varied functions may be adding books, adding members, issuing books, returning books, and more.

Advanced

Build an Employee Database of a Company on Splunk

The project involves successfully creating a text file of employee data with details like full name, salary, etc. Also, index the data based on various parameters and use the Splunk commands to evaluate and extract the information.

Course Advisors / Faculty

David Callaghan



Big Data Solutions Architect, USA

A Blockchain expert, David has been bringing integrated blockchain, particularly Hyperledger, Ethereum and Big Data solutions to the cloud. He has previously worked on Hadoop, AWS Cloud, Big Data and Pentaho Projects.

Muthusamy Manigandan



Head Engineering, Amazon India

Manigandan has 16+ years of experience in cloud projects for Fortune 500 companies. He comes with a strong background in architecture and implementation of AWS, Azure, GCP, along with hands-on experience in DevOps tools.

Pankaj Saxena



Sr. Director- Cloud Operations at Oracle

He carries 24 years of experience in managing complex & heterogeneous infrastructure alongside delivering cloud-based software solutions to customers. He comes with vast experience in multiple tools and technologies and building complex systems.

Birendra Kumar Sahu



Head of Data Engineering and Science at Razorpay

In his 15+ yrs of IT experience, he has achieved excellence and was appointed as the CTO & VP-Engineering for a Big Data patent pending product. He has contributed to 85 intellectual disclosure reports, 4 USA patents, 4 orange books, articles & papers.

Suman Mukhopadhyay



Senior Director and Head of Technology Infrastructure

He has 23 yrs of experience in IT. Suman worked at top MNCs like Wipro, AT&T, Yahoo, Walmart etc. Skilled in Leadership, IT Budget Ownership, Incident management, Hadoop Solution and Design and managing teams across various geographies.

Srikanth Sharma



Engagement Manager at Amazon

With over 15+ years of experience in developing and architecting Cloud solutions, Mr. Sharma works at AWS as an Engagement Manager. He has also worked as a Technical Consultant Team Lead at Microsoft and other well-known companies like Tesla Motors and Wipro.

Rupinder Singh



Lead Consultant at Xebia

Mr. Singh is currently working as Lead Consultant at Xebia. He has worked in several top-notch companies like Wipro, Infosys, Accenture, and many more. He has 11 years of work experience. He is a skilled Cloud Architect and DevOps Architect.

Course Advisors / Faculty



Ashutosh Dixit

Director – Technology Consulting at LTIMindtree

Mr. Dixit is an experienced Cloud Architect with a demonstrated history of working in the IT services industry since 2010. He has worked at several eminent organizations like Mindtree, Accenture, Oracle, and Capgemini.



Shajee Pulukkool

Head – Data & Analytics at Rapyder Cloud Solutions

Mr. Pulukkool is currently working at Rapyder Cloud Solutions Pvt. Ltd. as the head of Data & Analytics. He is a technology enthusiast with 22+ years of experience in software solutions, including 8+ years in Bigdata & Analytics, and 6+ years in AWS Cloud.

Frequently Asked **Questions**

What are the terms and conditions to be eligible for the job opportunity program??

To avail the guaranteed job interviews, you'll have to:

- Maintain attendance of at least 85% during the live classes for each phase of the program.
- Submit all your course-end projects and capstone projects within 7 days of program completion.
- Mandatorily submit all assignments, projects and case studies within the due timeline.
- Successfully complete all the course modules along with at least 80% of the self-learning videos.
- Avoid malpractices during appearing for the test or assignment submission else you will be permanently disqualified from this program.
- Candidates must clear the PRT (Placement Readiness Test) after the course completion to get into the placement pool and get access to our job portal as well as the career mentoring program.

What is expected from a candidate during the job assistance period?

The following is expected from the candidates during the job-assistance program:

- Should give their 100% to secure a good job.
- Attend all the career preparation sessions that are conducted.
- Remain active in job search and apply to at least 30 jobs per month.
- Once shortlisted for an interview, the candidate should go through the entire selection process.
- Candidates should be open for relocation to the company's location.

Note : Failure to comply with any of the above will result in debarring from the placement process.

Frequently Asked **Questions**

What are the eligibility criteria for this program?

To be eligible for this program, you will need to meet the following criteria:

- Individuals who have pursued B.E., B.Tech, B.Sc., BCA, M.E., M.Tech, M.Sc., and MCA.
- Any working professional up to 28 years of age.
- Have a minimum of 50% throughout their academic journey (i.e. X, XII, Graduation, and Postgraduation) Have valid mark sheets and degree certificates for verification.
- Must be allowed to legally work in India.
- Have a valid Aadhar Card and PAN Card.
- Must pass the background check from previous employer/institute.

Note : If you are in your final year of college, then you will be required to submit all mark sheets & certificates earned till the last semester (with at least 50% up to your last semester) and proof from your college that mentions the month and year of your graduation.

What is the process of getting into the placement pool?

To be eligible for getting into the placement pool, the learner has to complete the course along with the submission of all projects and assignments. After this, he/she has to clear the PRT (Placement Readiness Test) to get into the placement pool and get access to our job portal as well as the career mentoring program.

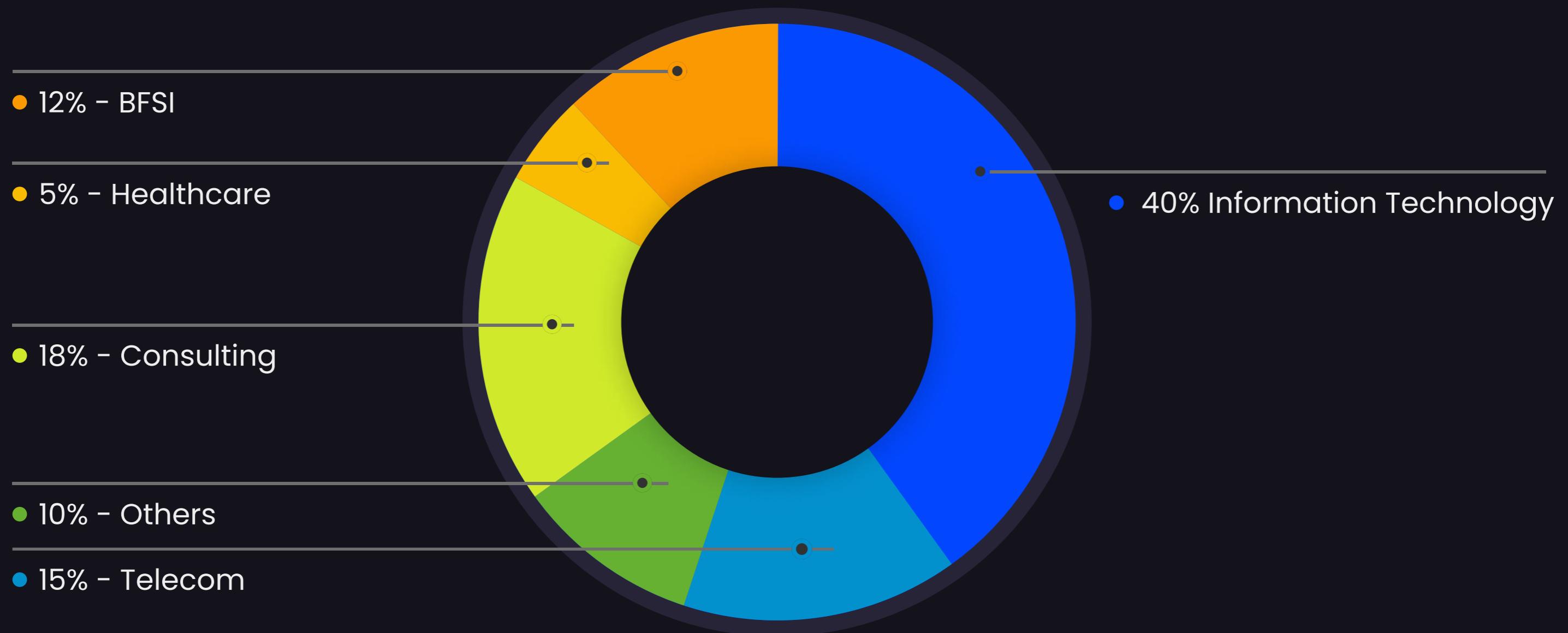
What is the refund policy for this program?

If you are not satisfied from the program, you can raise the refund request within 7 days of course enrollment or payment date whichever is earlier and you will be provided with 100% refund provided that you have not downloaded the course content. After 7 days no refund requests will be accepted, however, we will be at every step with you for your up-skilling and professional growth needs. For raising the refund request, please drop an email to support@intellipaat.com

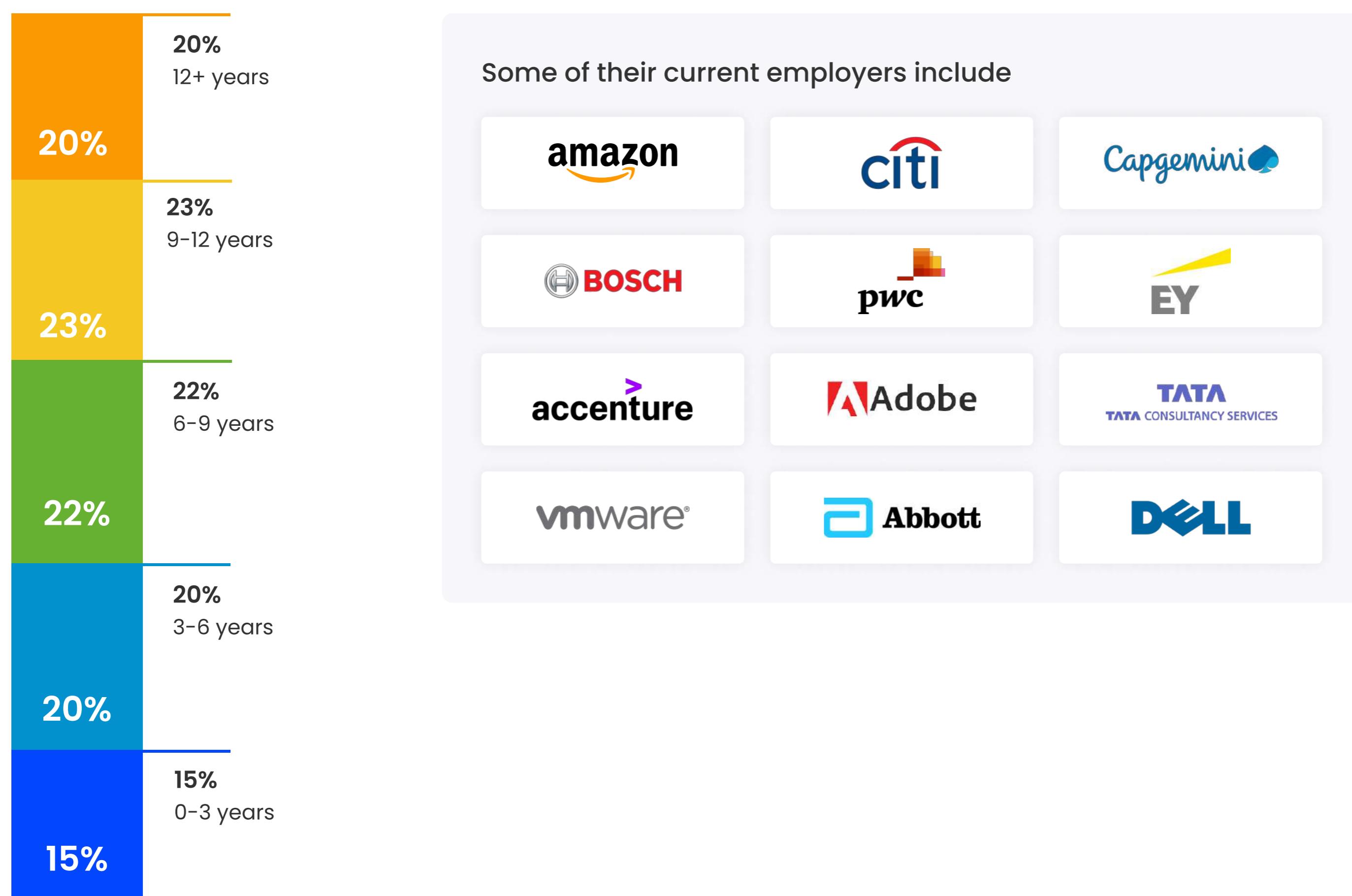
Refund shall be processed to an eligible student within 30 working days from the date of receipt of refund requests. If you have taken loan or no cost EMI, then only principal amount will be refunded to you which doesn't include interest or loan charges paid to the bank / loan company.

Meet the **Batch**

Industries Our Learners Come From



Work Experience



Glimpse of our Successful Transitions



4.6 ★★★★☆



4.5 ★★★★☆



4.38 ★★★★☆

Career Transitions



Intellipaat Career Services



500+
Webinars



600+
Job Shares



400+
Hiring Partners



55%
Avg. Salary Hike*

What Makes Us **Tick**



Career-oriented Sessions

Attend 10+ career-oriented sessions by industry mentors and plan your career trajectory



Profile Building

Craft a Cloud Computing and DevOps resume and LinkedIn profile and make an impression on top employers



Mock Interview Preparation

Prepare with mock interviews including most asked questions by top employers



1:1 Mentoring Sessions

Get 1:1 guidance at every step in your career transition to Cloud Computing and DevOps



Job Opportunities until you get placed

Unlimited Job Opportunities are provided upon movement to the placement pool until you get placed in 12 months



Dedicated Job Portal Access

Get exclusive access to 200 job postings per month on Intellipaat's job portal



Job Fairs

Job fairs are conducted regularly to introduce learners to major organizations



Hackathons

Work in teams and get exclusive access to hackathons

Learner **Reviews**



janarthanan k

System Engineer at Uniware

Intellipaat is one of the finest certification course providers I have seen. Instructors are professional and explain every concept with ease. I was also deeply impressed by the job assistance benefits.



Sonali Hawaldar

Jr. Engineer at Technosoft Technology

It was a wonderful learning experience with Intellipaat. The instructor was very knowledgeable and had good tricks and methods to teach the concepts. Also, there are self-paced learning options



Abhinav Ghai

DevOps Engineer at PC plus Technology

I absolutely loved my experience with Intellipaat and would highly recommend it to anyone thinking of applying as this Cloud Architect course provides basics to advanced level assignments, projects, etc which gives you in-depth knowledge.

Program Partners



About Intellipaat

Intellipaat is one of the leading online training providers with more than 10 million learners in over 155 countries. We are on a mission to democratize education as we believe that everyone has the right to quality education.

We create courses in collaboration with top universities and MNCs for employability like EICT IIT Roorkee, EICT IIT Guwahati, IITM Pravartak, IIM Ranchi, IIT Jammu, IU, LSBU, University of Essex, University of Liverpool, IBM, Microsoft, etc.

Our courses are delivered by SMEs & our pedagogy enables quick learning of difficult topics. 24/7 technical support & career services help learners to jump-start their careers.



Collaboration with **IBM and Microsoft**

IBM and **Microsoft** are leading innovators and the biggest players in creating innovative Cloud and DevOps tools. In this Master's course, top subject matter experts will share knowledge in the domain of Cloud and DevOps.

Benefits of this collaboration for learners:

- Industry-recognized course completion certification from IBM and Microsoft



10 Million Learners & 500+ corporates across 155+ countries
upskilling on Intellipaat platform



Contact Us

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