ORACLE CLOUD
SPECIALIZATION
PROGRAM

ABOUT THE
ORACLE CLOUD
SPECIALIZATION

In the Bootcamp, you will immerse yourself in Oracle Cloud Infrastructure and along the way you will implement Projects based on Real Scenarios such as 100% automated implementation of IAM resources, Network Communication control, Infrastructure as code + Pipeline 100% automated, Application integrated with Python SDK - Totally "Keyless", Migration and Modernization of application and database to MultiCloud Architecture, among others. In addition, you will implement technologies from DevOps ecosystem such as: **Ansible, Terraform, GitHub, Docker, and others.**

You will have 12 months of access to the content, and you can review it as many times as you want.

PREREQUISITES TO JOIN THE **PROGRAM**

To join the program, you should preferably be a technology professional hungry for Cloud Computing knowledge.

It's not necessary to know how to code or have a Cloud Computing background to join the program.
You will specialize from scratch and become an IT Professional in high demand by the market.

Regardless if you work as a **Developer, Infrastructure, IT Management, or any other role,** with no knowledge or advanced knowledge in Cloud. The Program is for you that wants to keep yourself relevant in the market continuously. Flexible and ideal for IT Professionals without time.

WHAT MAKES OUR PROGRAM **UNIQUE?**

We count on a unique teaching methodology, based on Bootcamps (intensive, practical and applicable) idealized by a Cloud Specialist with a background in Silicon Valley, which aims to simulate Cloud projects required by companies and prepare professionals for the real world.

Cloud Projects

Learn in practice with simulations of Cloud projects based on real-world business scenarios.

Cloud Certification

Get the most in-demand Cloud Certifications and be pursued by recruiters.

Non-technical skills

Develop soft-skills, strategic vision and positioning to increase your visibility and earn more.

Private Community

Network with thousands of IT Professionals spread globally over 5 continents.
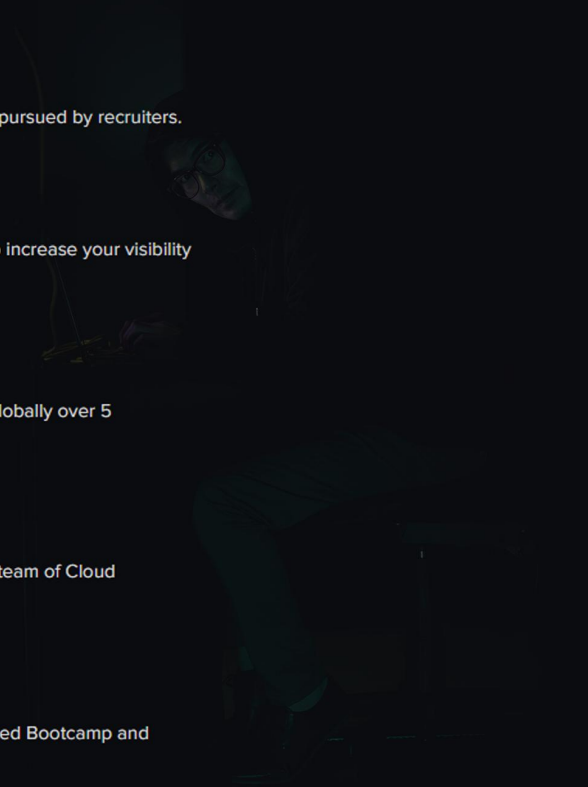
Follow-up

Be supported in your Bootcamp Cloud Projects by a team of Cloud Architects.

Certificate

Receive a Certificate of Completion for each completed Bootcamp and generate visibility on LinkedIn.

IMPACT

OVER **1000 ACTIVE STUDENTS**
SPREAD OVER **5 CONTINENTS**
AROUND THE GLOBE

OUR STUDENTS WORK
IN LARGE COMPANIES SUCH AS...

IBM   ORACLE   aws

PROGRAM CURRICULUM

**ORACLE CLOUD
BOOTCAMP**

ABOUT THE PROGRAM

**HIGH DEFINITION
CONTENT**

**CHALLENGES
AND PROJECTS**

High Definition videos
(Netflix style)

Weekly schedule with
projects and practical
challenges

ORACLE CLOUD INFRASTRUCTURE BOOTCAMP

Cloud Projects and Hands-On Challenges Based on Real Scenarios.

MODULES

Module 1: Overview + Hands On

Module 2: Identity Management + Hands-On Project

Module 3: Networking Resources in the Cloud + Hands-On Project

Module 4: Compute Resources (Virtual Machines/Bare Metal) on Cloud + Hands-On Project

Module 5: Storage Resources (Block Storage, File Storage, Object Storage) + Hands-On Project

Module 6: Load Balancer + Hands-On Project

Module 7: Database Resources in the Cloud (DBCS, Exadata Cloud Services) e Automonous Database (ATP, ADW) + Hands-On Project

Module 8: Final Project

6 Quizzes   6 Projects   55+ Hours
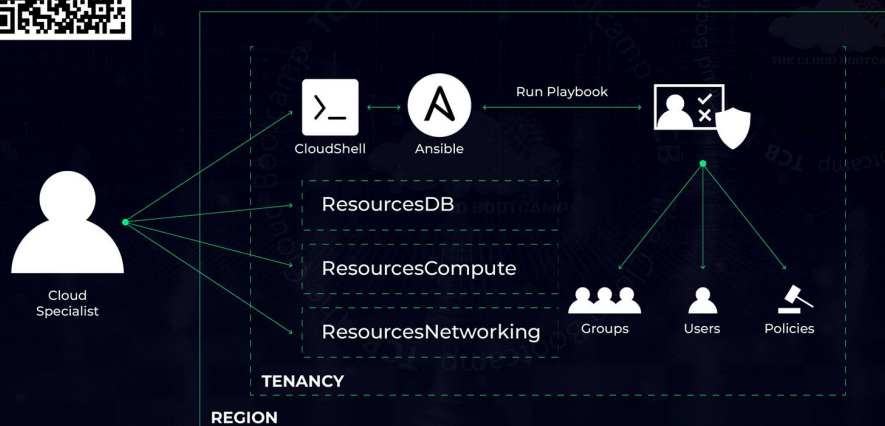
AUTOMATION PROJECT WITH ANSIBLE

100% automated implementation of users, groups, and policies using Ansible and Cloud Shell.
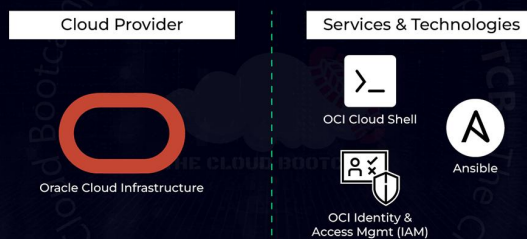
Solution Architecture

Deploying Users, Groups And Policies In A 100% Automated Way Using Ansible And Cloud Shell.

Technology used: Oracle Cloud Infrastructure IAM, Cloud Shell, Ansible

Cloud Project

Cloud Provider

Oracle Cloud Infrastructure

Services & Technologies

OCI Cloud Shell

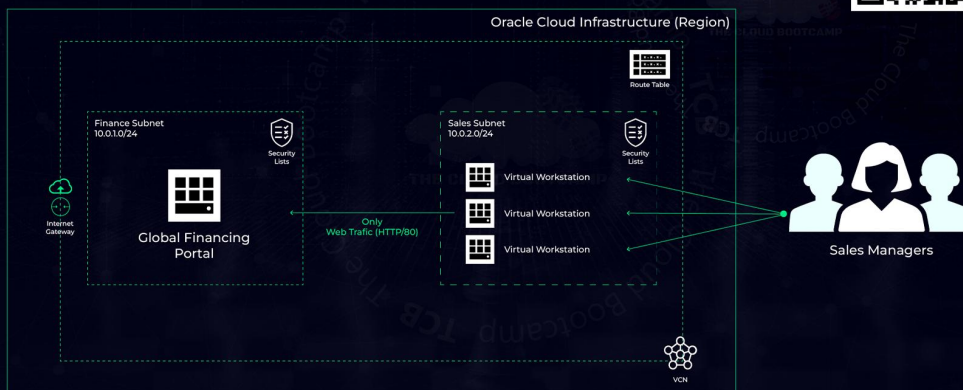OCI Identity & Access Mgmt (IAM)

Ansible

NETWORK SECURITY PROJECT

Implementation of network communication control in Oracle Cloud Infrastructure with Virtual Cloud Network (VCN), distinct subnets and security lists with specific rules for each subnet.

Solution Architecture

Deployment Of Network Communication Control In Oracle Cloud Infrastructure with Virtual Cloud Network (VCN), Distinct Subnets And Security Lists With Specific Rules Foreach Subnet.

Oracle Cloud Infrastructure (Region)

Route Table

Finance Subnet
10.0.1.0/24

Security Lists

Sales Subnet
10.0.2.0/24

Security Lists

Internet Gateway

Global Financing Portal

Only
Web Trafic (HTTP/80)

Virtual Workstation

Virtual Workstation

Virtual Workstation

Sales Managers

VCN

Technology used: Oracle Cloud Infrastructure Virtual Cloud Network, Compute Instance

Cloud Project

Cloud Provider	Services & Technologies	
Oracle Cloud Infrastructure	OCI Virtual Cloud Network (VCN)	OCI Security Lists

INFRASTRUCTURE-AS-CODE PROJECT

Infrastructure as Code + Pipeline: Deploy network and compute resources in Oracle Cloud Infrastructure in a 100% automated way using Github, Terraform Cloud and Terraform IAC.
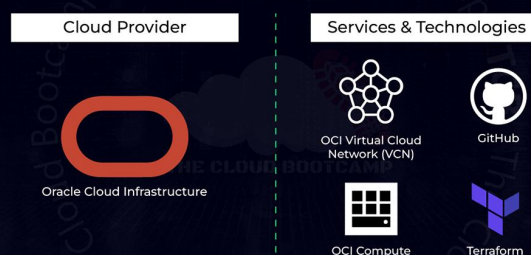
Solution Architecture

Infrastructure As Code + Pipeline: Deployment of Network Resource and Compute in the OCI in a 100% automated way using GitHub, Terraform Cloud and Terraform IaC.

Oracle Cloud Infrastructure (Region)

Route Table

Public Subnet
10.1.20.0/24

Security Lists

Compute Instance

Internet Gateway

VCN

Cloud Specialist → git commit / git push → GitHub Repo → trigger → Terraform Cloud → Terraform

Pipeline Tasks:
```
$ terraform validate
$ terraform plan
$ terraform apply
```

Technology used: Oracle Cloud Infrastructure VCN, Compute Engine, GitHub, Terraform Cloud, Terraform.

Cloud Project

Cloud Provider

Oracle Cloud Infrastructure

Services & Technologies
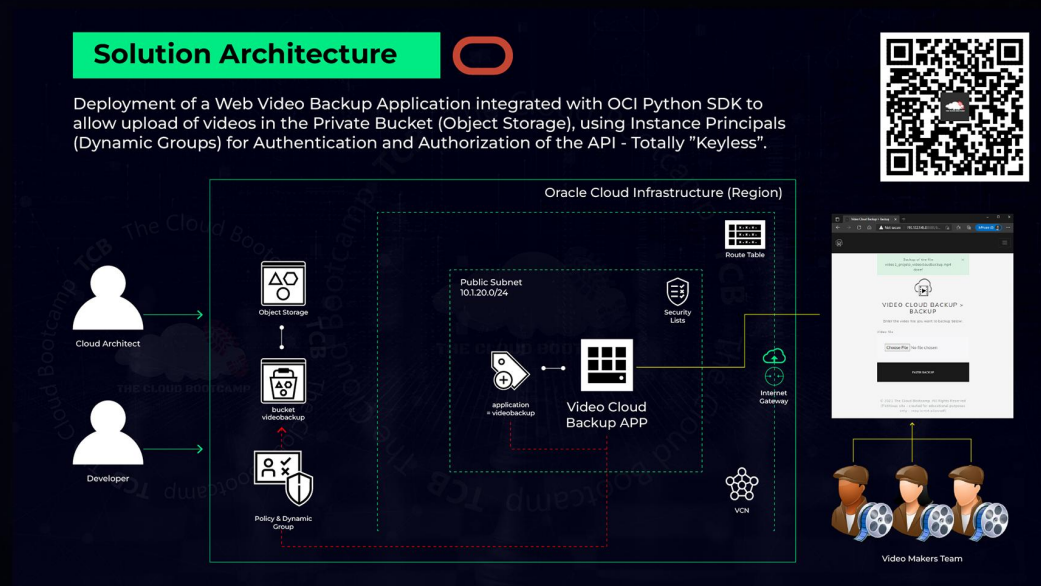
OCI Virtual Cloud Network (VCN)
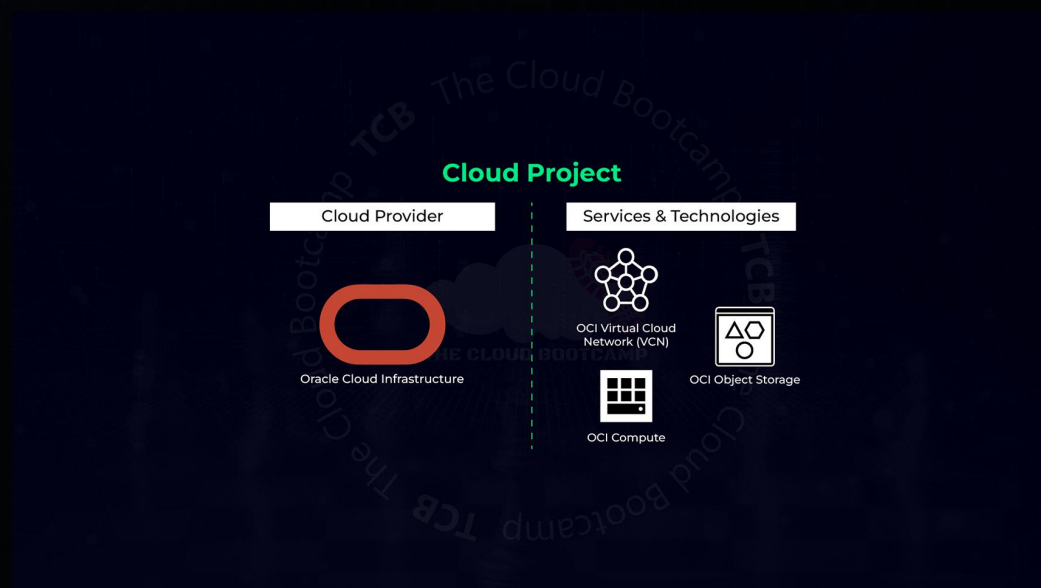
GitHub

OCI Compute

Terraform

CLOUD SDK PROJECT

Implementation of (Web) video cloud backup Application integrated with Oracle Cloud Infrastructure Python SDK for uploading videos in private Object Storage bucket, and Instance Principals with Dynamic Groups for completely "Keyless" API authentication and Authorization.

Solution Architecture

Deployment of a Web Video Backup Application integrated with OCI Python SDK to allow upload of videos in the Private Bucket (Object Storage), using Instance Principals (Dynamic Groups) for Authentication and Authorization of the API - Totally "Keyless".
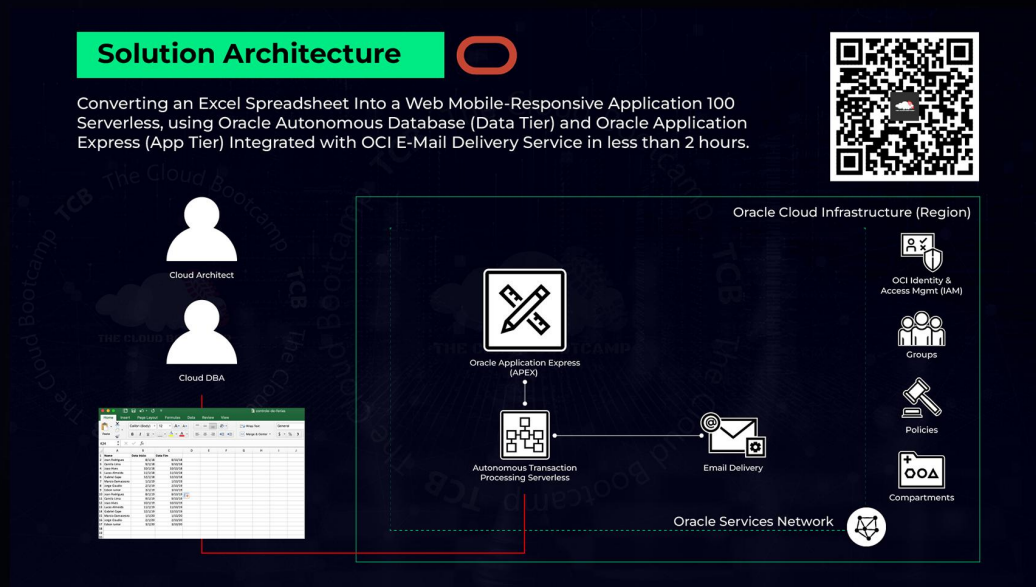
Technology used: Oracle Cloud Infrastructure Object Storage, Compute Instance, Cloud Python SDK, among others.

Cloud Project

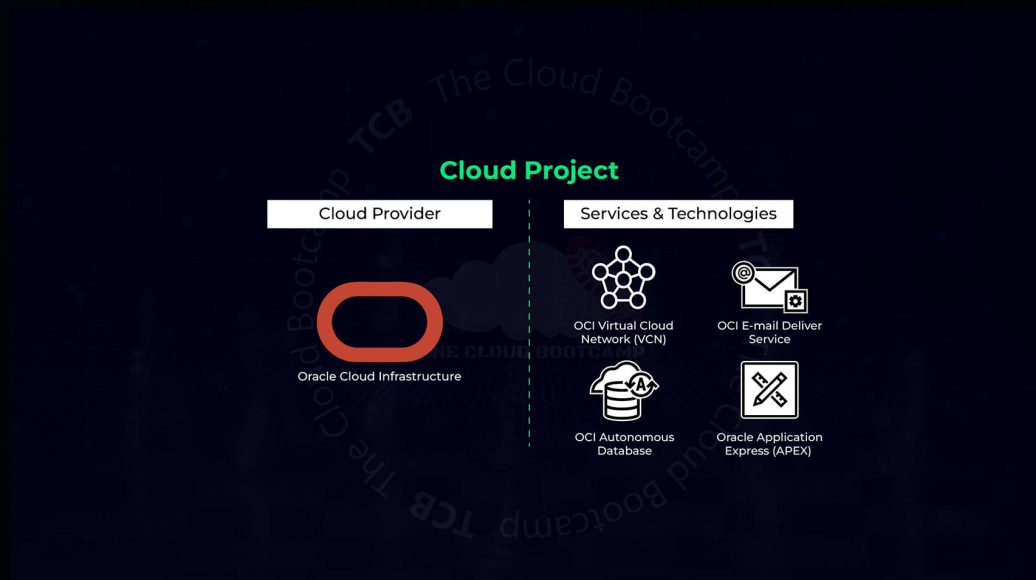| Cloud Provider	Services & Technologies
Oracle Cloud Infrastructure	OCI Virtual Cloud Network (VCN)
	OCI Object Storage
	OCI Compute

MODERN SERVERLESS APP PROJECT

Conversion of employee vacation tracking spreadsheet into Mobile-Responsive and 100% Serverless Web application using Oracle Autonomous Database (Data Layer) and Oracle Application Express (App Layer) integrated with Oracle Cloud Infrastructure e-mail delivery service in less than 2 hours.
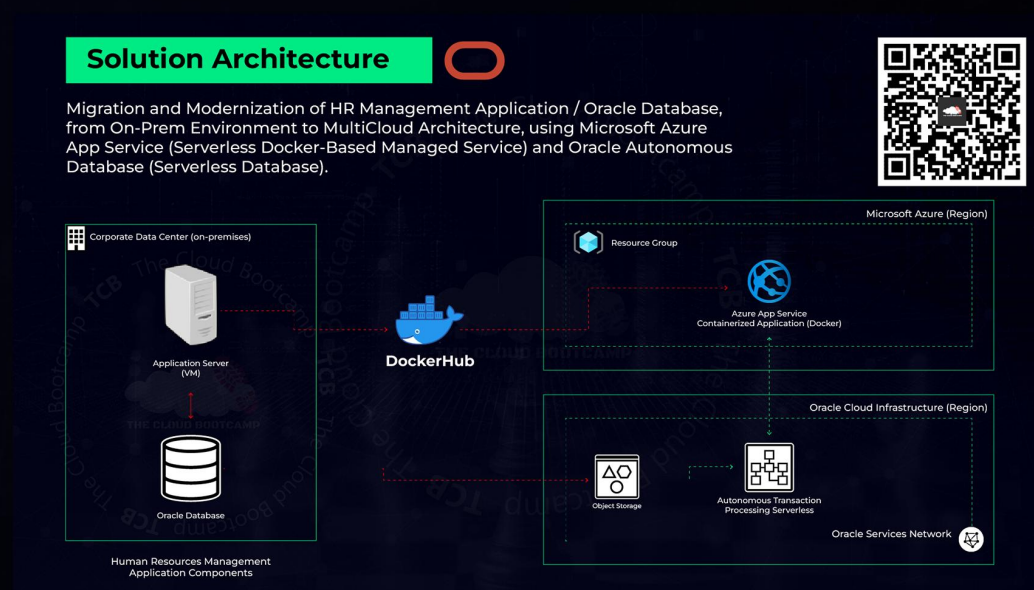
Solution Architecture

Converting an Excel Spreadsheet Into a Web Mobile-Responsive Application 100 Serverless, using Oracle Autonomous Database (Data Tier) and Oracle Application Express (App Tier) Integrated with OCI E-Mail Delivery Service in less than 2 hours.

Cloud Architect

Cloud DBA

Oracle Cloud Infrastructure (Region)

Oracle Application Express (APEX)

OCI Identity & Access Mgmt (IAM)

Groups

Autonomous Transaction Processing Serverless

Email Delivery

Policies

Compartments

Oracle Services Network

Technology used: Oracle Autonomous Database, Oracle Application Express, Oracle Cloud Infrastructure Email Delivery Service

Cloud Project

Cloud Provider	Services & Technologies

Oracle Cloud Infrastructure

OCI Virtual Cloud Network (VCN)

OCI E-mail Deliver Service

OCI Autonomous Database
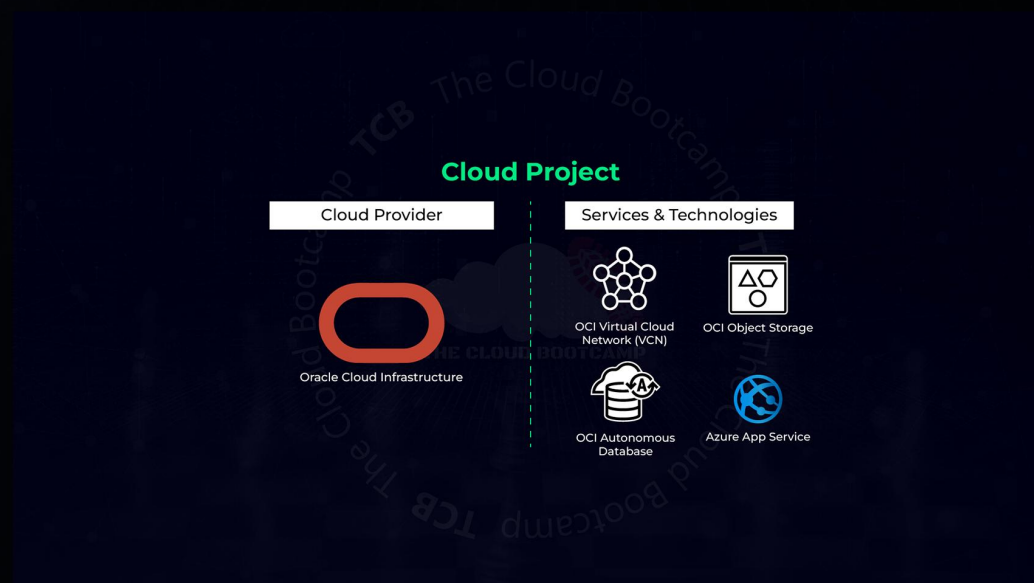
Oracle Application Express (APEX)

MULTICLOUD PROJECT

Migration and modernization of HR management application and Oracle Database from on-premises environment to MultiCloud architecture: Microsoft Azure App Service (Serverless Docker-Based Managed Service) and Oracle Autonomous Database (Serverless Database).

Solution Architecture

Migration and Modernization of HR Management Application / Oracle Database, from On-Prem Environment to MultiCloud Architecture, using Microsoft Azure App Service (Serverless Docker-Based Managed Service) and Oracle Autonomous Database (Serverless Database).

Technology used: Oracle Autonomous Database, Microsoft Azure App Service, Docker

Cloud Project

Cloud Provider	Services & Technologies
Oracle Cloud Infrastructure	OCI Virtual Cloud Network (VCN), OCI Object Storage, OCI Autonomous Database, Azure App Service

BONUS

Extra module to prepare you for certification

BONUS

Slack Community

BONUS

MultiCloud Training Architects support

on hands-on projects

BONUS

Cloud Portfolio

CERTIFICATE
OF COMPLETION

Receive a industry-recognized Certificate of Completion after completing **the Bootcamp** to showcase your knowledge and hands-on expertise to the market on your Linkedin.

CERTIFICATE OF COMPLETION

ORACLE CLOUD BOOTCAMP

Your name here

Jean Rodrigues

JEAN RODRIGUES

CTO, THE CLOUD BOOTCAMP

WHO IS THIS PROGRAM FOR?

Technology Professionals

IT Leaders

Anyone else who wants to specialize in Cloud Computing

15-DAYS UNCONDITIONAL GUARANTEE
IT'S SIMPLE...
IF YOU THINK THE PROGRAM IS NOT FOR YOU
WITHIN THE FIRST 15 DAYS, JUST SHOW US YOU DID
THE WORK AND WE WILL REFUND YOUR MONEY BACK.

TRANSFORMING LIVES
THROUGH EDUCATION

"I got another position, Jean, that I went on to earn 3 times what I was previously earning..." "I just wanted to say thank you, since I enrolled in your course it seems like the doors have opened wider for me!"

Paulo Ribeiro
Data Engineer | Decode   **DECODE**

"It was a dream come true when I got my YES from Oracle to start there! If it wasn't for the Bootcamp, I would still be doing Database Administration. It was a gamble, and a sure bet!"

Wagner Munhoz
Cloud Solution Engineer | Oracle

"Dudeee! I've been meaning to come here for a long time. I have to thank you and your team! Because of your Multicloud oriented education startup, with amazing training and a bootcamp that needs no comments, today I am Head of Infrastructure and IT Operations in the CCAA group. I have used my knowledge to bring a new vision to the group and in fact this is making the difference on a daily basis:

Brunno Freitas
Head of IT Infrastructure & Operations | CCAA   **CCAA**