



Terraform

Empower Your code tool Journey

Master Terraform

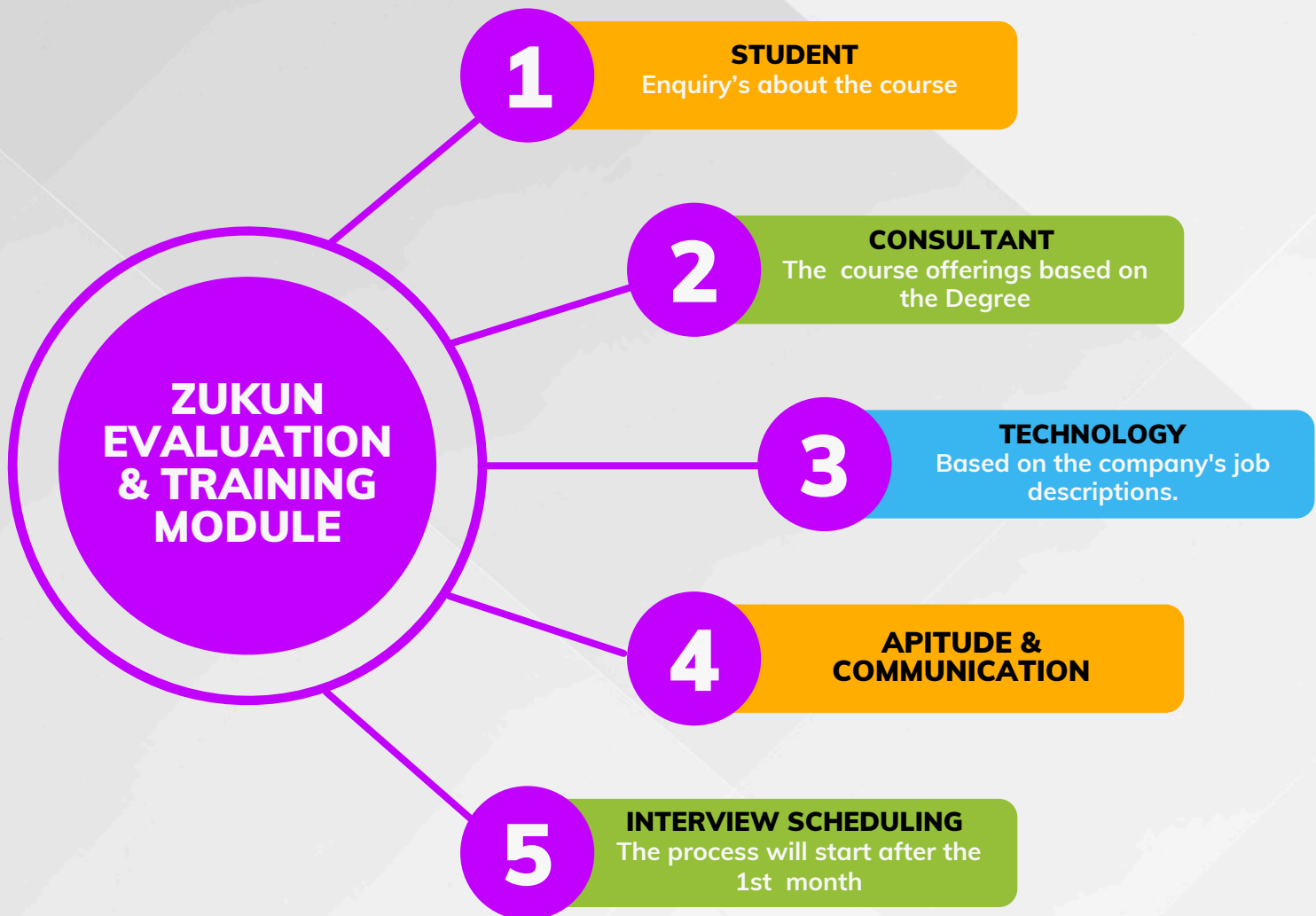




OUR PROMISES



TRAINING MODULE



PLACEMENT MODULE





Module-01

Advanced Terraform

- What is DevOps Vs DevSecOps Vs SRE?
- Tool sets in DevOps Vs DevSecOps Vs SRE?
- Overview of infrastructure during SDLC?
- Problems with many infrastructure tools?
- Introducing Infrastructure as Code
- Declarative vs. Imperative
- Introduction of Terraform
- Advantages & Disadvantages of Terraform
- How does Terraform work for Infrastructure as Code?
- Alternative of Terraform
- Terraform Use cases
- How to install Terraform?

Module-02

Introductions of Terraform Components?

- Terraform Providers
- Terraform Registry
- Terraform Resources
- Terraform Resources Argument Reference



- Deploying Your First Terraform Configuration
- Terraform Basics Workflow using Terraform CLI
- Terraform validate
- Terraform init
- Terraform plan
- Terraform apply
- Terraform show
- Terraform destroy
- Updating Your Configuration with More Resources
- Configuring a Resource After Creation
- Adding a New Provider to Your Configuration Understanding Terraform state file
- Terraform Resource Behavior & Lifecycle
- Understanding Terraform HCL syntax & Style Terraform Resources
- MetaArgument
- Depends on
- count
- for_each
- Provider
- Lifecycle
- Using Terraform to Create Cloud Provider Computer Resources
- Working with Terraform Templates
- Working with Workspaces for multiple environments



- Working with Remote Backend for managing State file for team
- artifactory
- s3
- azure
- GCS
- Understanding Terraform State locking
- Terraform Troubleshooting using logs & common errors
- Introducing Terraform Module
- Using with Terraform Module from Registry
- Developing Custom Terraform Module
- Publishing Modules on the Terraform Registry
- Introducing Terraform Console
- Introducing Terraform Tags
- Introducing Terraform Cloud
- Using Terraform for use Multiple providers for CI/CD



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