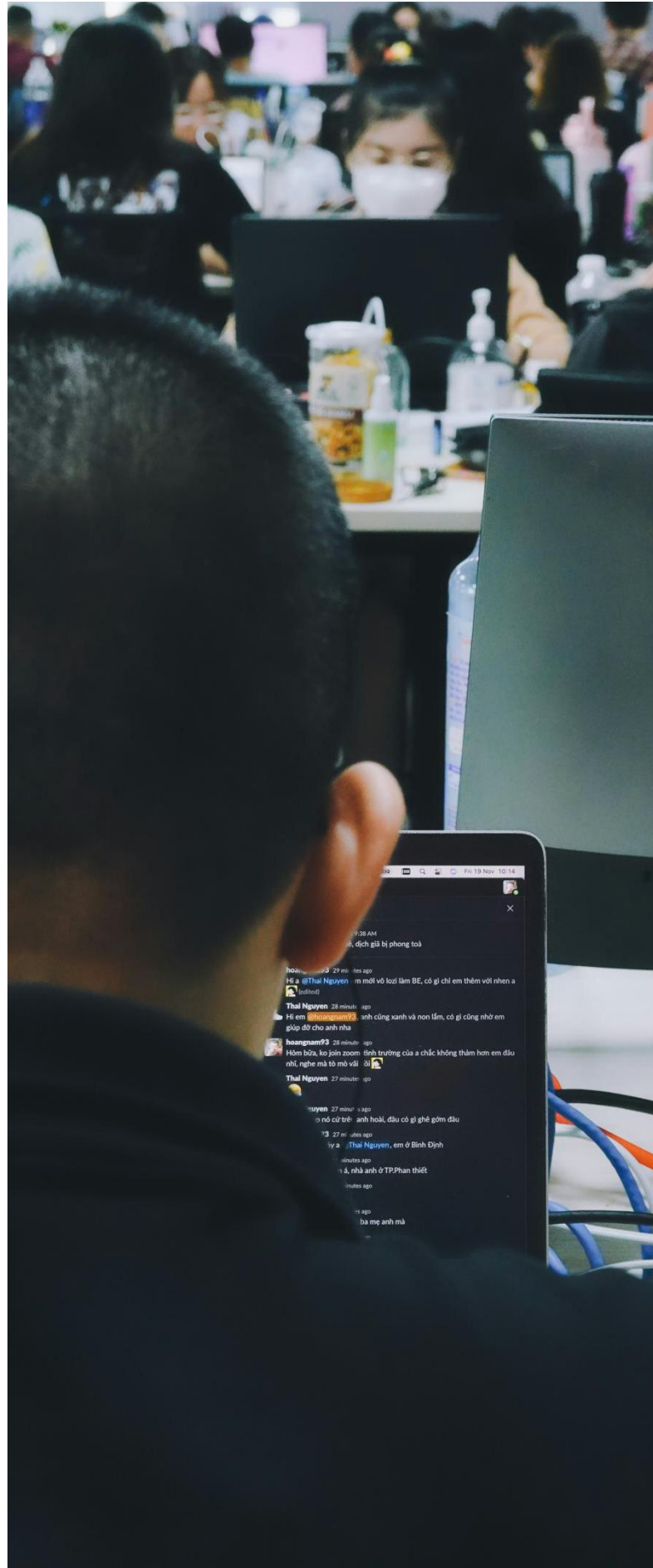# WELCOME TO
REFONTE

Cloud Engineering

About

Refonte is proud to introduce our Cloud Engineering Training and Internship Program designed to equip you with the skills required to excel as a cloud engineer in today's rapidly evolving tech landscape.

Our comprehensive curriculum covers core cloud infrastructure, security, deployment, and optimization strategies ensuring you become proficient in architecting and managing scalable cloud platforms across AWS, Azure, and Google Cloud.

Our cloud engineering course is crafted for individuals from diverse backgrounds looking to master cloud computing, whether you're an experienced IT professional looking to upskill or a beginner eager to enter the field. The curriculum provides in-depth training on various cloud platforms and tools, from foundational principles to advanced cloud architecture, deployment, security, and automation.

REFONTE INTERNATIONAL TRAINING AND INTERNSHIP PROGRAM (RITIP) IN CLOUD ENGINEERING

Elevate your technical expertise and propel your career forward with our tailored Professional Certificate in Cloud Engineering. Developed to align with current industry standards, this program is ideal for recent graduates and professionals seeking to enhance their cloud computing knowledge. Through hands-on labs and real-world projects, you'll gain extensive exposure and master the fundamentals of cloud architecture and services. The RITIP offers an online format complemented by personalized mentorship featuring live sessions, self-paced videos, and dedicated lab sessions.
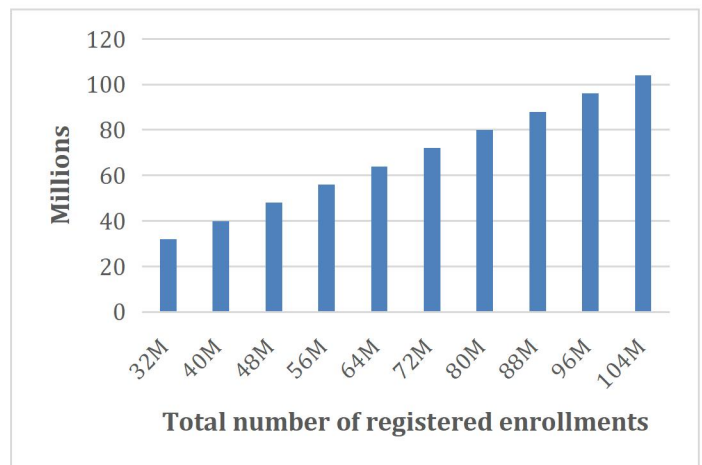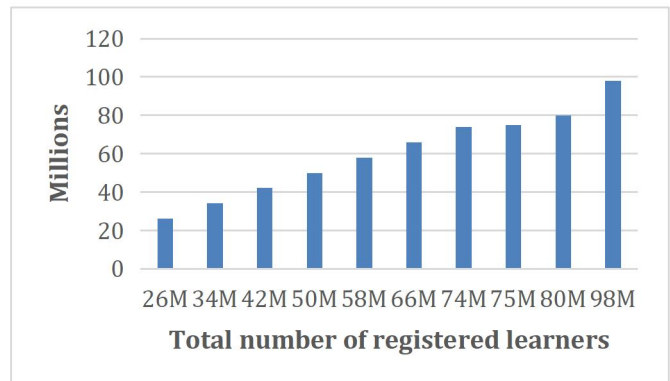
Details of the course:

- Experience hands-on learning in Practical Cloud Engineering.

- Engage in live classes held weekly.

- Access additional modules for a comprehensive learning experience.

- Gain practical experience through real-life case studies.

Registration

Registration is currently available for our newest Cloud Engineering cohort. Seize this chance to enhance your skills and propel your career forward! For further details and enrollment please visit our website at www.refontelearning.com. We anticipate your participation in our program!
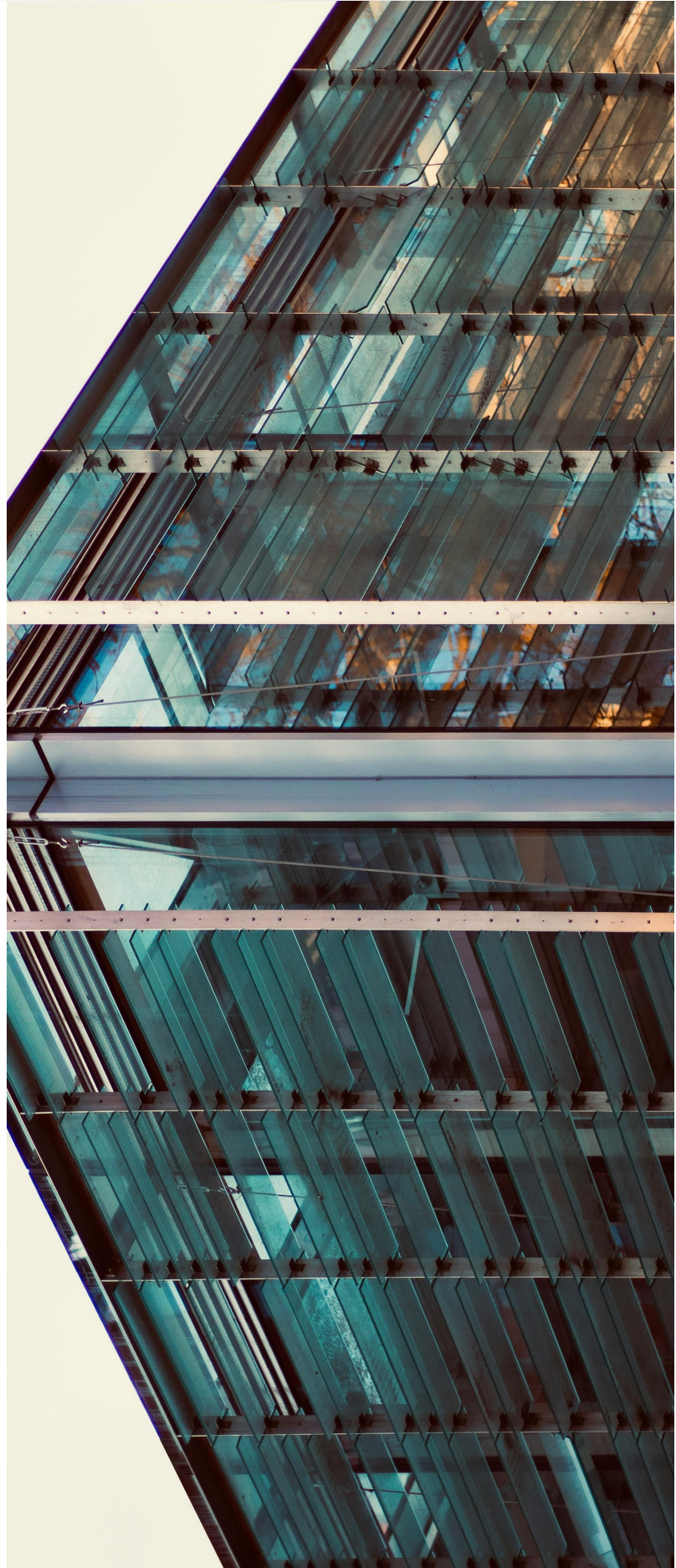
Toolkit Components:

Cloud Platforms

• **Google Cloud**

• **AWS**

• **Microsoft Azure**

Cloud Tools and Technologies

• **Kubernetes**

• **Docker**

• **Terraform**

• **Jenkins**

• **GitHub Actions**

• **CloudFormation**

Security and Networking

• **IAM (Identity and Access Management)**

• **VPCs and Subnets**

• **Encryption and VPN**

• **Load Balancing and Auto Scaling**

DevOps and Monitoring

• **Continuous Integration/Continuous Deployment (CI/CD)**

• **Infrastructure as Code (IaC)**

• **Monitoring with CloudWatch and Azure Monitor**

Collaboration and Documentation

• **Slack / Microsoft Teams**

• **JIRA / Trello**

• **GitHub / GitLab**

• **Markdown / Confluence**

Training Learning Path:

1 - Introduction to Cloud Computing

- Overview of cloud computing, deployment models,

  and service models (IaaS, PaaS, SaaS).

- Introduction to major cloud providers: AWS, Azure, Google Cloud.

2 - Cloud Infrastructure and Networking

- Virtual Networks, Subnets, VPNs, Load Balancing,

  and Auto Scaling.

- Designing and deploying cloud infrastructure.

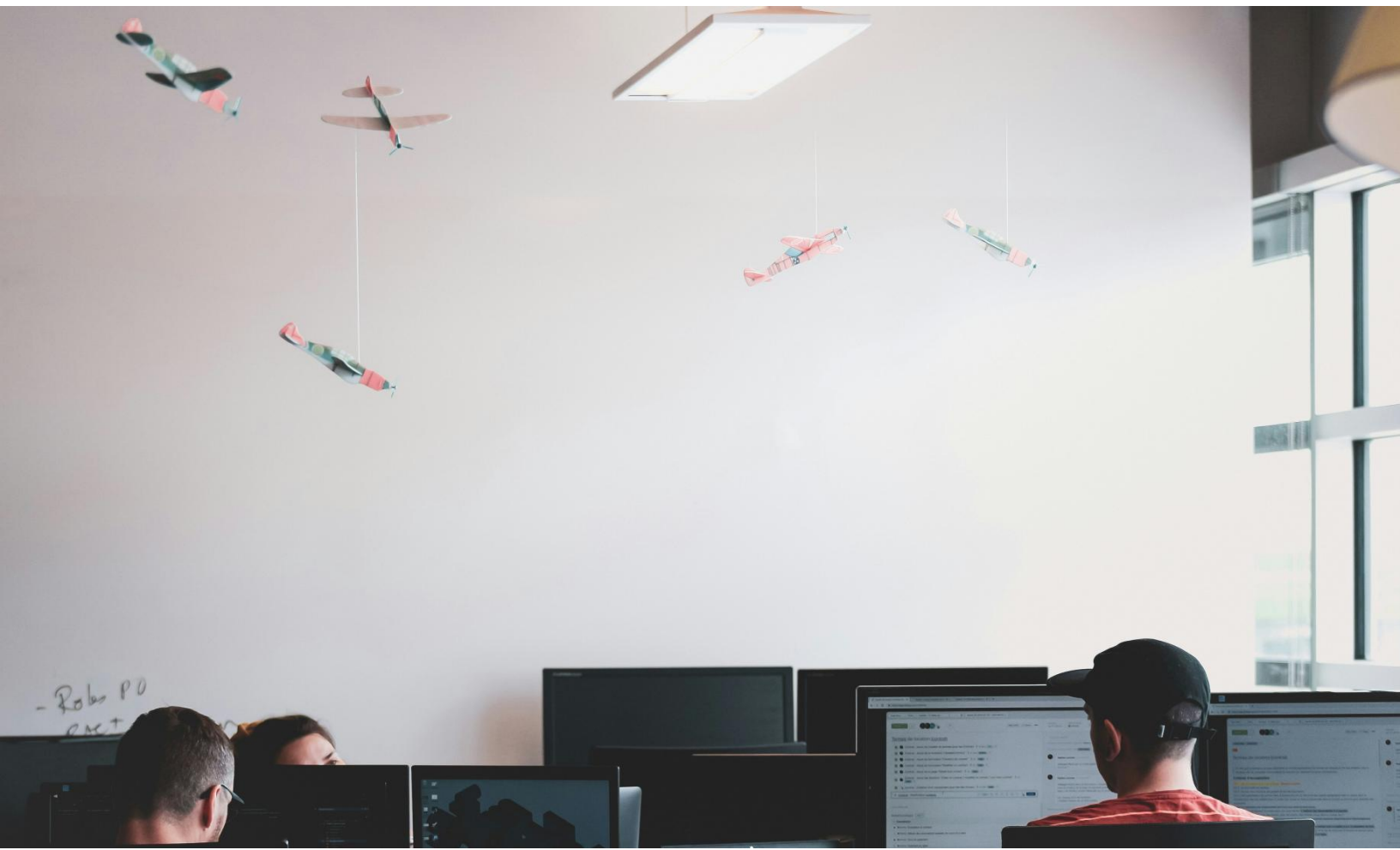**3 - Cloud Security and Compliance**

- IAM, Role-based Access Control (RBAC), Encryption,

  Security Groups, and Firewalls.

- Compliance standards in cloud environments..

4 - Automation and DevOps in the Cloud

- **CI/CD pipelines, Infrastructure as Code,**

  Automation with tools like Terraform, Ansible, and CloudFormation.

- **Monitoring and optimizing cloud resources.**

5 - Advanced Cloud Architecture and Optimization

- **Designing resilient, scalable, and cost-effective cloud architectures.**

- **Disaster Recovery, Backup Solutions, and Multi-cloud strategies.**

Program Curriculum:

- Eligibility:

  - Mandatory: Bachelor's Degree (in any field) with a minimum 50% aggregate score at Graduation.

- Duration: 3 Months

- Time Commitment: 12-14 Hours per Week

Cloud Engineering Capstone Projects:

Real-world cloud engineering projects to solidify your skills:

- Deploying a scalable web application using Kubernetes on AWS.

- Building a secure multi-cloud architecture

  with automated failover.

- Implementing serverless architectures using

  AWS Lambda or Google Cloud Functions.

Internship Duties and Responsibilities

During the internship, you will apply the skills learned in the training to real-world cloud projects. Responsibilities include:

- Designing and deploying cloud infrastructure.

- Implementing security and monitoring solutions.

- Optimizing cloud environments for performance and cost.

- Collaborating with cross-functional teams to ensure cloud scalability and security.

- Emphasizing the importance of ethical conduct and fostering soft skill development throughout the organization.

Domain of Internship Projects

- Cloud Solutions for Financial Services

- Supply Chain and Logistics Cloud Optimization

- Healthcare Cloud Applications

- Cloud Risk and Compliance Management

- Cloud Infrastructure for E-commerce and Retail

Our program encompasses a diverse array of projects tailored to offer hands-on experience and cultivate skills highly sought after by employers. This entails engaging in projects that mirror real-world situations, enabling students to acquire practical experience and hone skills highly prized by employers.

Program Structure

Introduction Session

LinkedIn Profile Development and Personal Bonding Session

Core Training and Internship Projects

Resume Building Workshop

Closing Session

Distribution of Resumes to Companies

CERTIFICATE OF COMPLETION FOR OUR TRAINING PROGRAM

CERTIFICATE
OF APPRECIATION

This certificate is presented to:

John Doe

This certificate is given to John Doe for achieving his training in Data Analysis in UK under Refonte Learning

REPRESENTATIVES

DATE: 01-01-2024
RLTPXXXXXXX

SAMPLE INTERNSHIP CERTIFICATE

C E R T I F I C A T E

OF ACHIEVEMENT

This certificate is presented to:

John Doe

This certificate is given to John Doe for achieving his training in
Data Analysis in UK under Refonte Learning

REPRESENTATIVES

DATE: 01-01-2024
RLTPXXXXXXX

Frequently Asked Questions:

Q: How long is the program duration?

A: The program spans a 3-month training and internship period.

Q: Will participants receive a certificate upon completion?

A: Yes, participants will be awarded a certificate for both the training and internship phases.

Q: Is the internship paid?

A: No, the internship is unpaid.

Q: Will participants receive mentorship?

A: Yes, participants will receive personalized 1:1 mentorship.

Q: What industries will participants work with during the internship?

A: Participants will have the opportunity to collaborate with companies across various industries, depending on their skill set.

Q: Is there a fee for the training program?

A: Yes, a minimal fee is required for participation in the training program.

Q: What is the program format?

A: The program comprises a blend of training sessions and internship experience, supplemented by 1:1 mentorship.

REFONTE LEARNING SUPPORT

Student Support Team:
- Our dedicated Student Support team is available around the clock, 7 days a week.
- Feel free to reach out to us anytime at official@refonteinfini.com.

Industry Mentors:
- Benefit from exceptional guidance provided by industry mentors, teaching assistants, and graders.
- Receive individualized feedback on your submissions and tailored guidance for improvement.

Doubt Resolution:
- Utilize our Q&A Forum for prompt resolution of doubts by industry experts and peers.
- Rest assured, all responses are expert-verified to ensure the highest quality of learning.

Expert Feedback:
- Receive personalized expert feedback on assignments and projects.
- Engage in regular live sessions conducted by experts to address any concept-related doubts you may have.

CONTACT US

official@refontelearning.com

REGISTER NOW!

Refonte Learning