

Cloud Infrastructure with AWS

EC2, S3, Lambda, RDS, IAM, VPC, CloudFormation. Architect and deploy scalable cloud infrastructure.

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Program Overview

PRICE

\$6,000

DURATION

8 weeks

FORMAT

Live

LEVEL

Intermediate

EC2, S3, Lambda, RDS, IAM, VPC, CloudFormation. Architect and deploy scalable cloud infrastructure. This professional track is structured for adult learners who need practical, career-relevant depth without academic abstraction. Delivered as a live experience, the course combines guided milestones, implementation reviews, and applied exercises aligned with modern AI, engineering, and technical leadership work.

What You Will Learn

- Design secure AWS environments for modern web applications.
- Deploy compute, storage, network, and database services with confidence.
- Use infrastructure as code to standardize cloud delivery.
- Balance reliability, security, and cost in real architecture decisions.

What Is Included

- 8 live weeks with architecture labs and guided deployments.
- AWS reference blueprints and IAM security checklists.
- Hands-on provisioning with infrastructure-as-code patterns.

- Case studies covering scale, performance, and cost tradeoffs.

Weekly Syllabus

WEEK 1

AWS Foundations and IAM

Build a solid mental model of the AWS ecosystem and identity boundaries.

Topics: Core services, IAM users and roles, Account structure

WEEK 3

Compute, Storage, and Databases

Choose the right AWS primitives for application workloads.

Topics: EC2 and Lambda, S3, RDS

WEEK 5

Networking and Security

Design VPCs, security groups, and private networking with operational clarity.

Topics: VPCs, Subnets, Load balancing

WEEK 8

Infrastructure as Code

Provision repeatable cloud environments and operational patterns at scale.

Topics: CloudFormation, Deployment pipelines, Cost governance

Instructor

Marcus Lee

Marcus has designed and operated AWS environments for startups and enterprises, with a focus on cost-aware infrastructure architecture.

This EvoMind syllabus is an admissions overview for planning and evaluation. Final cohort dates, live session timing, assessments, and platform access details are shared in the welcome packet after enrollment.

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