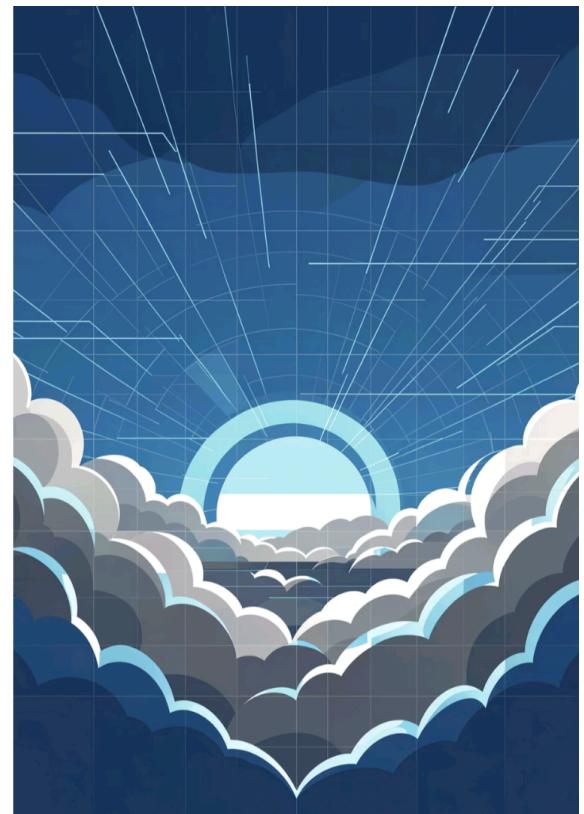


Wake Up to Cloud: Your Hands-On Guide to Oracle Cloud Free Tier

Anushka Singh – Oracle ACE Apprentice. A concise, practical walkthrough to get you building on OCI Free Tier today. No prior cloud experience required.

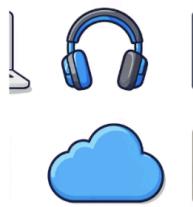


Meet Your Guide



Anushka Singh

Oracle ACE Apprentice • Cloud educator •
Hands-on trainer focused on beginner-friendly labs and clear explanations.



What to Expect

Live demos, step-by-step screenshots, 3D visuals, and flowcharts for quick reference. By the end you'll launch services on OCI Free Tier.

Why Choose OCI Free Tier?

Unlock essential cloud services with no initial cost. Ideal for learning, prototyping, and small projects. Key strengths:

Always Free Resources

Compute, storage, and networking options available without time limits for eligible shapes and sizes.

Real Cloud Experience

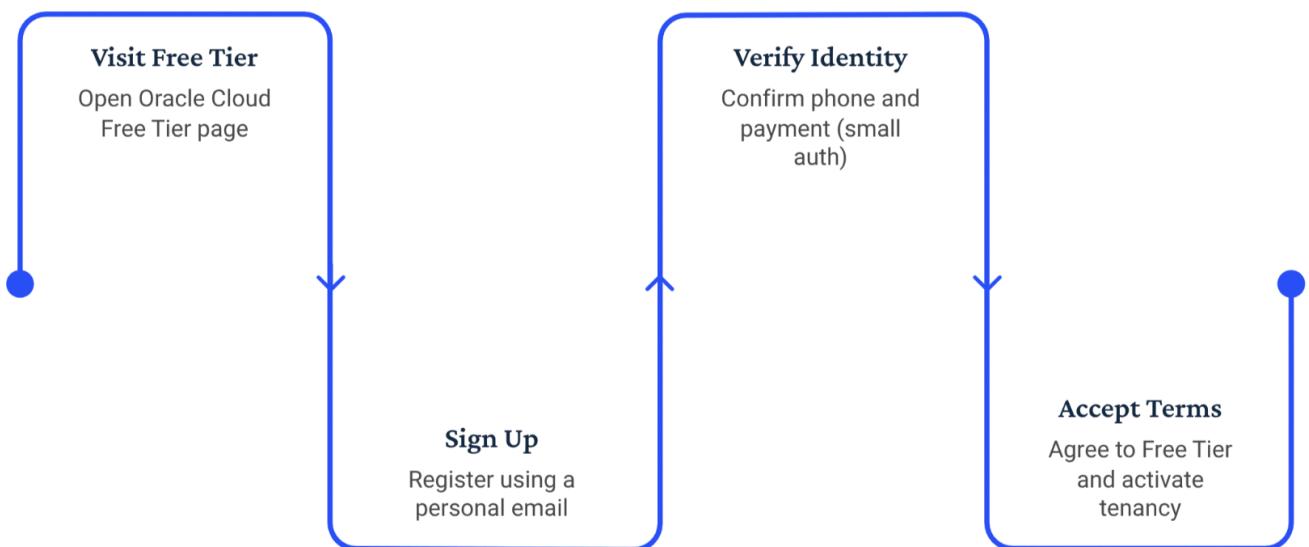
Work with the same services used in production—learn skills that transfer directly to jobs and projects.

Security & Performance

Enterprise-grade networking, identity, and monitoring tools to practice secure deployments from day one.



Getting Started: Create an OCI Account



Follow these steps: use a personal email, complete identity verification (small refundable card auth), choose a region, and enable Always Free services. Keep tenancy OCID handy.



Navigating the OCI Console: Beginner's Tour



Top Navigation

Search bar, region selector, user menu. Quick access to compartments and billing.



Dashboard & Resources

Resource cards show running instances, storage usage and important alerts.



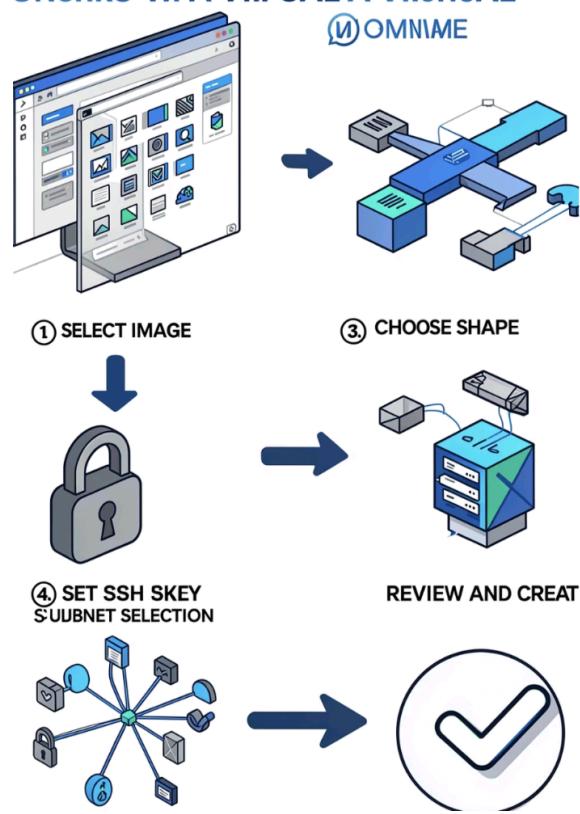
Identity & Security

Users, groups, policies and MFA setup—configure before launching public services.

Tip: Use compartments to organise projects—create one for your Free Tier labs.

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OMNIME



Your First Virtual Machine

Select Image

Pick Oracle Linux or Ubuntu (Always Free images available).

Choose Shape

Use an Always Free shape (e.g., VM.Standard.E2.1.Micro) to avoid charges.

Networking & SSH

Create a VCN with a public subnet and add your SSH public key for secure login.

Boot & Verify

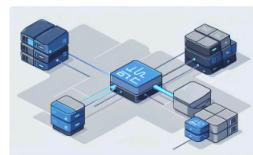
Boot instance, note public IP, SSH in and run a basic update to confirm connectivity.

Exploring Storage Options



Object Storage

Durable, S3-compatible buckets for static assets, backups, and large media. Good for web hosting and archives.



Block Volume

Persistent block devices for VMs. Use for databases and file systems; supports snapshots and performance tiers.

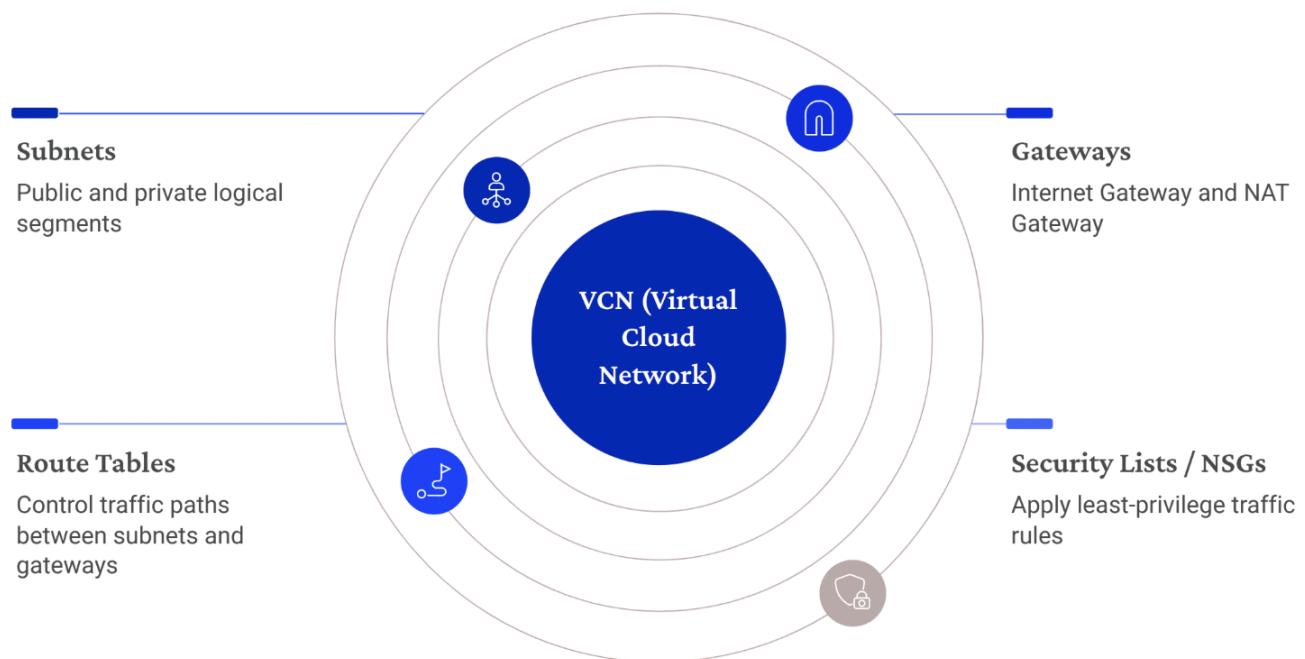


File Storage & Backups

Managed NFS-style storage for shared file access and easy backups—great for stateful apps and code repositories.

Always Free quotas apply—check limits before provisioning large volumes.

Networking Fundamentals



Essentials: VCN = virtual network boundary. Use public subnet + Internet Gateway for public access; private subnet + NAT Gateway for outbound-only instances. Security Lists or NSGs control traffic – apply least privilege.

Beyond the Basics: What Else You Can Do



Autonomous Database

Spin up free trial databases for analytics or dev testing.



Container Engine (OKE)

Deploy containerised apps; use small clusters for learning and CI workflows.



Functions & API Gateway

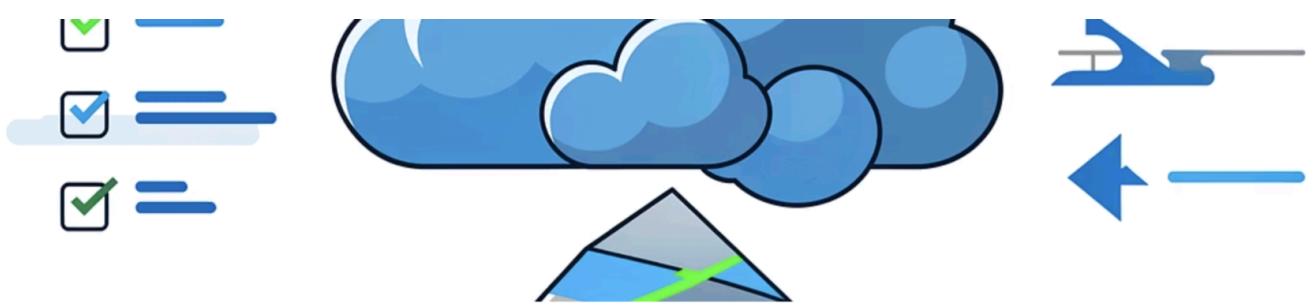
Build event-driven services without managing VMs—ideal for microservices demos.



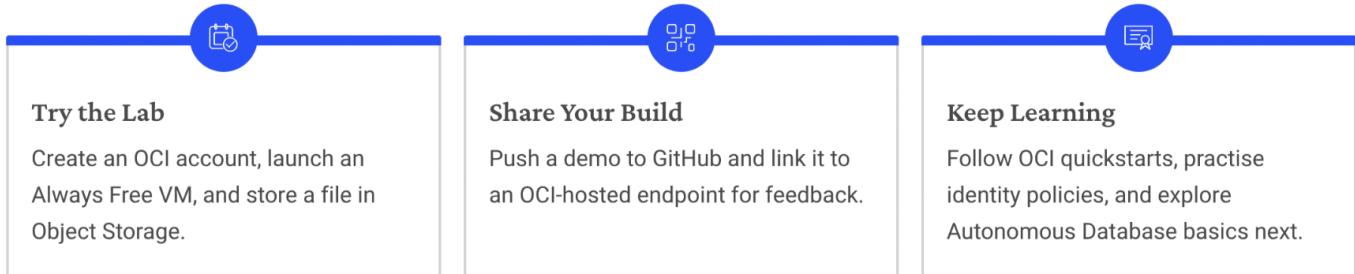
Monitoring & Observability

Set alerts, dashboards and logs to learn ops best practices early.

Combine services for mini projects: a web app with Object Storage assets, a VM backend, and Monitoring dashboards.



Q&A & Next Steps



Contact: Anushka Singh – Oracle ACE Apprentice. Ready for a follow-up hands-on session? Let's schedule a lab.