ZETLAN TECHNOLOGIES



DOCKER COURSE

Master Containerization.
Build. Ship. Run Anywhere.

BUILD
Create lightweight, portable containers

DEPLOY
Deploy consistently across environments

SCALE
Scale your applications effortlessly

Learn. Build. Deploy. Succeed.

WHY ZETLAN?

At Zetlan Technologies, we empower businesses with innovative solutions and expert guidance to achieve their goals and stay ahead.



EXPERTISE
Skilled professionals with deep industry knowledge.

RELIABLE SOLUTIONS
Secure, scalable, and built for real-world challenges.

SUPPORT THAT MATTERS
Dedicated guidance from start to success.

ABOUT ZETLAN

Zetlan Technologies is a forward-thinking IT solutions provider, delivering innovative and scalable technology services that drive digital transformation. We help businesses build smarter, more efficient, and secure technology solutions for a better tomorrow.

OUR MISSION

To empower businesses with technology that drives growth, efficiency, and long-term success.

OUR VISION

To be a trusted technology partner, shaping a smarter and more connected world.

OUR VALUES

INNOVATION
We embrace new ideas and technologies to create better solutions.

INTEGRITY
We build trust through transparency and accountability.

QUALITY
We deliver excellence in every project and every interaction.

GROWTH
We help our clients and our team grow together for a better future.

OUR EXPERTISE

- Cloud Solutions
- DevOps Services
- Containerization (Docker)
- IT Consulting & Support
- Security Solutions

www.zetlantechnologies.com

COURSES WE OFFER

Industry-focused training to build in-demand skills and accelerate your career.

IT INFRA & CLOUD SERVICE

- Microsoft Certification
- Redhat Certification
- CompTIA Certification
- Amazon Certification
- Google Certification
- Dell Certification
- Alibaba Certification

IT NETWORKING COURSES

- Cisco Certification
- Juniper Certification
- HP Aruba Certification
- CWNP Certification
- HQC Certification
- Ruijie Certification
- Ruckus Certification
- MikroTik Certification

IT SECURITY SERVICE

- Fortinet Certification
- Palo Alto Certification
- Checkpoint Certification
- EC-Council Certification
- SonicWall Certification
- Sophos Certification
- Barracuda Certification
- WatchGuard Certification
- Nudge Networks Certification
- pfSense Certification

IT VIRTUALIZATION SERVICE

- VMware Certification
- Citrix Certification
- Oracle VM Certification
- IBM Certification
- Nutanix Certification

IT STORAGE SERVICE

- NetApp Certification
- Hitachi Vantara Certification

IT CYBERSECURITY SERVICE

- CertNexus Certification
- CompTIA Certification
- EC-Council Certification
- ISACA Certification
- ISC2 Certification
- Kali Offensive Certification
- GIAC Certification
- Human Certification
- Kaspersky Certification
- SMA Storage Certification
- Pure Storage Certification

DEVOPS & AUTOMATION

- DevOps Engineering
- Docker & Kubernetes
- Jenkins (CI/CD)
- Ansible Automation
- Terraform
- Git & GitHub

SOFTWARE DEVELOPMENT

- Python Programming
- Java Development
- Full Stack Development
- Web Development
- API Development
- Scripting (Bash, PowerShell)

IT MANAGEMENT SERVICE

- ITIL Certification
- ITSM Certification

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OUR STUDENTS JOURNEY

From first connection to a successful career, we're with you every step of the way.

01

EXPLORE & CONNECT

Visit the website or connect with our team to explore the right course for your career goals.

02

ATTEND DEMO SESSION

Join a free demo session and experience our teaching methodology and platform.

03

GET EXPERT COUNSELING

Our career experts understand your goals and guide you toward the perfect learning path.

04

PERSONALIZED LEARNING PLAN

Get a customized learning plan designed to match your goals, skills, and schedule.

05

LEARN WITH EXPERTS

Learn from industry experts with hands-on sessions, real examples, and practical insights.

06

PRACTICE & ASSESS

Practice through assignments, labs, and quizzes to strengthen your understanding.

07

CERTIFICATION TRAINING

Prepare for industry-recognized certifications with focused training and expert guidance.

08

REAL-WORLD EXPOSURE

Work on real-time projects and case studies to gain practical, hands-on industry experience.

09

PLACEMENT ASSISTANCE

Get resume support, interview preparation, and connect with top employers.

10

LAUNCH YOUR CAREER

Step confidently into your dream job and start building a successful future.

COURSE OVERVIEW

This course is designed to take you from basics to advanced concepts with a strong focus on practical skills and real-world applications. Whether you are a beginner or an experienced professional, this course will help you build in-demand skills and advance your career.



WHAT YOU WILL LEARN

Docker Basics
Understand container concepts and the Docker ecosystem.

Images & Containers
Create, manage, and run Docker images and containers.

Dockerfile
Build custom images using Dockerfile best practices.

Storage & Volumes
Manage data persistency using volumes and binds.

Networking
Configure and manage container networking.

Docker Compose
Orchestrate multi-container applications easily.

Security
Implement security best practices in Docker environments.

CI/CD Integration
Integrate Docker with CI/CD pipelines for automation.

Registry & Deployment
Push images to registries and deploy applications.

Real-World Projects
Work on hands-on projects to apply your knowledge.

KEY BENEFITS

Career Growth
Build high-demand skills and enhance your career opportunities.

Practical Learning
Learn through hands-on labs, projects, and real-world scenarios.

Industry Recognized
Receive a certificate that adds value to your professional profile.

Expert Trainers
Learn from industry experts with years of real-world experience.

Lifetime Support
Get continuous support even after you complete the course.

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SALARY ADVANTAGE



High-demand skills lead to high-paying careers.
Invest in the right course today and
secure a better tomorrow.

INDIA SALARY RANGE

FRESHER	JUNIOR LEVEL	MID LEVEL	SENIOR LEVEL	LEAD / ARCHITECT
₹3.0 LPA – ₹6.0 LPA	₹6.0 LPA – ₹10.0 LPA	₹10.0 LPA – ₹18.0 LPA	₹18.0 LPA – ₹30.0 LPA	₹30.0 LPA – ₹50.0+ LPA
0 – 1 Year	1 – 3 Years	3 – 6 Years	6 – 10 Years	10+ Years

GLOBAL SALARY RANGE

USA	UNITED KINGDOM	UAE	AUSTRALIA	SINGAPORE
$70,000 – $150,000	£40,000 – £80,000	AED 120,000 – AED 250,000	AUD 80,000 – AUD 150,000	SGD 70,000 – SGD 120,000
(Annual)	(Annual)	(Annual)	(Annual)	(Annual)

WHY SALARIES ARE HIGH?

HIGH DEMAND
Skilled professionals are in high demand across industries.

SPECIALIZED SKILLS
Advanced skills solve complex business problems.

BUSINESS IMPACT
Your skills directly contribute to business growth and innovation.

GLOBAL OPPORTUNITIES
Work anywhere, earn better with global exposure.

CAREER GROWTH
Continuous learning leads to faster promotions and raises.

LEARN TODAY. EARN TOMORROW.

The right skills can change your career and your life.
Invest in yourself and unlock unlimited opportunities.

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GLOBAL DEMAND

Technology skills are in high demand worldwide. Get trained in future-ready technologies and unlock global opportunities.



DEMAND ACROSS THE GLOBE

NORTH AMERICA
Strong demand for cloud, cybersecurity, and DevOps professionals.

EUROPE
High growth in AI, data, and cloud computing roles.

ASIA PACIFIC
Rapid digital transformation driving tech talent demand.

LATIN AMERICA
Rising IT adoption creating new career opportunities.

AFRICA & MIDDLE EAST
Increasing investment in technology and infrastructure.

90M+
Tech Jobs by 2030 (Worldwide)

12.3%
Growth in Tech Jobs (2023–2030)

150+
Countries Facing Tech Talent Shortage

High Demand
Cloud, Cybersecurity, Data, DevOps, AI/ML & More

Better Salaries
Globally Competitive Pay for Skilled Professionals

TOP ROLES IN HIGH DEMAND

- Cloud Engineer
- Data Engineer
- DevOps Engineer
- Software Developer
- Cybersecurity Analyst
- Network Engineer
- Data Scientist
- Solutions Architect
- AI/ML Engineer
- IT Project Manager

WHY THE DEMAND IS GROWING

Digital Transformation
Businesses worldwide are adopting digital technologies.

Cloud Adoption
More companies are moving to the cloud, increasing demand for skilled experts.

Cybersecurity Needs
Rising cyber threats create a constant need for security professionals.

Data Explosion
Data-driven decisions are fueling demand for data and analytics experts.

AI & Automation
AI and automation are reshaping industries and creating new job opportunities.

THE WORLD NEEDS SKILLED PROFESSIONALS.
Be part of the global workforce and build a future without boundaries.

COURSE MODULES

Well-structured modules designed to take you from fundamentals to real-world expertise.



01

MODULE 01
INTRODUCTION TO DOCKER

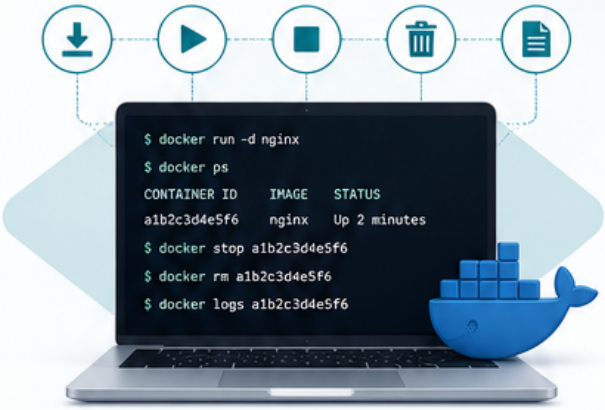
- What is Docker?
- Why use Docker?
- Virtual Machines vs. Containers
- Docker Architecture
- Installing Docker on Windows, macOS, and Linux
- Running Your First Docker Container



02

MODULE 02
DOCKER BASICS

- Understanding Images and Containers
- Docker CLI commands (run, ps, stop, rm, logs, etc.)
- Pulling images from Docker Hub
- Creating and managing containers
- Working with interactive and detached modes
- Understanding container networking



03

MODULE 03
DOCKER IMAGES & DOCKERFILE

- Introduction to Docker Images
- Dockerfile structure and syntax
- Building custom images using Dockerfile
- Using .dockerignore to optimize image builds
- Image tagging and versioning
- Best practices for writing Dockerfiles



BUILD. TEST. DEPLOY.

Master Docker step by step and containerize your way to real-world success.

- Hands-on Learning
- Practical Examples
- Real-world Projects
- Industry Relevant

04
MODULE

DOCKER VOLUMES & STORAGE

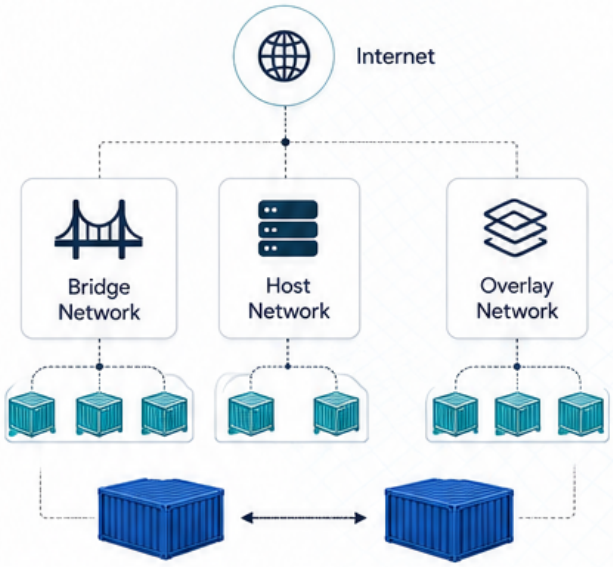
- Understanding Docker storage
- Managing data persistence in containers
- Working with bind mounts, named volumes, and tmpfs
- Backing up and restoring volumes



05
MODULE

DOCKER NETWORKING

- Basics of container networking
- Bridge, Host, and Overlay networks
- Configuring custom networks
- Linking containers and exposing ports
- Communicating between multiple containers



06
MODULE

DOCKER COMPOSE

- Introduction to Docker Compose
- Writing docker-compose.yml files
- Running multi-container applications
- Managing services with docker-compose up/down
- Environment variables and .env files

docker-compose.yml

```yaml
version: '3.8'
services:
  web:
    image: nginx:latest
    ports:
      - "8080:80"
    depends_on:
      - db
  db:
    image: mysql:8
    environment:
      MYSQL_ROOT_PASSWORD: example
    volumes:
      - db_data:/var/lib/mysql
volumes:
  db_data:
```

ONE COMMAND. MULTIPLE SERVICES.

- Define
- Configure
- Run
- Scale
- Manage



LEARN. BUILD. DEPLOY.

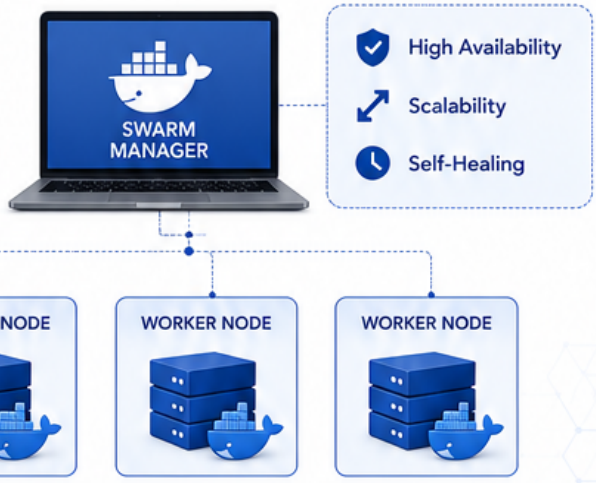
From storage to networking and orchestration – master Docker and build real-world applications with confidence.

- Practical Learning
- Real-world Scenarios
- Industry Relevant
- Career Ready

07
MODULE

DOCKER SWARM (CONTAINER ORCHESTRATION)

- Introduction to Swarm Mode
- Creating and managing Swarm clusters
- Deploying services in Swarm
- Scaling services up and down
- Rolling updates and service discovery

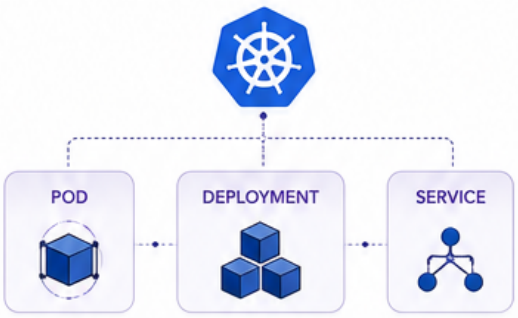


Docker Swarm makes it easy to manage a cluster of Docker nodes as a single virtual system.

08
MODULE

KUBERNETES BASICS (OPTIONAL ADVANCED SECTION)

- Introduction to Kubernetes vs. Docker Swarm
- Understanding Pods, Deployments, and Services
- Running containers in Kubernetes
- Using kubectl for container management




```
$ kubectl get all
NAME                READY   STATUS    RESTARTS   AGE
nginx-deployment    3/3     Running   0          2m
nginx-pod-1         1/1     Running   0          2m
nginx-pod-2         1/1     Running   0          2m
nginx-pod-3         1/1     Running   0          2m
nginx-service       ClusterIP  10.0.0.25  -       2m
```

Kubernetes helps you run, scale, and manage containerized applications at scale.

09
MODULE

DOCKER SECURITY BEST PRACTICES

- Container security fundamentals
- Running containers with least privilege
- Scanning images for vulnerabilities
- Using Docker Content Trust (DCT)
- Managing secrets in Docker



BUILD SECURE. DEPLOY ANYWHERE. SCALE WITHOUT LIMITS.

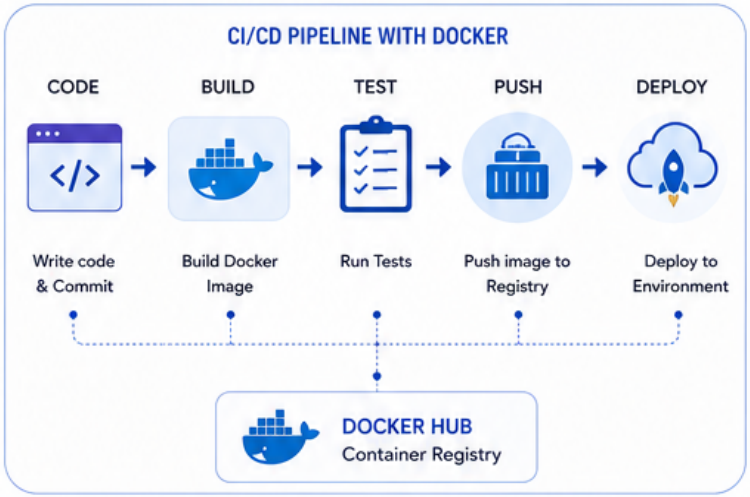
From single containers to multi-node orchestration, master Docker and Kubernetes the right way.

Structured Learning | Hands-on Labs | Real-world Projects | Career Growth

10
MODULE

CI/CD WITH DOCKER

- Docker in DevOps pipelines
- Building and pushing images with GitHub Actions / GitLab CI
- Automated deployments using Docker



BENEFITS

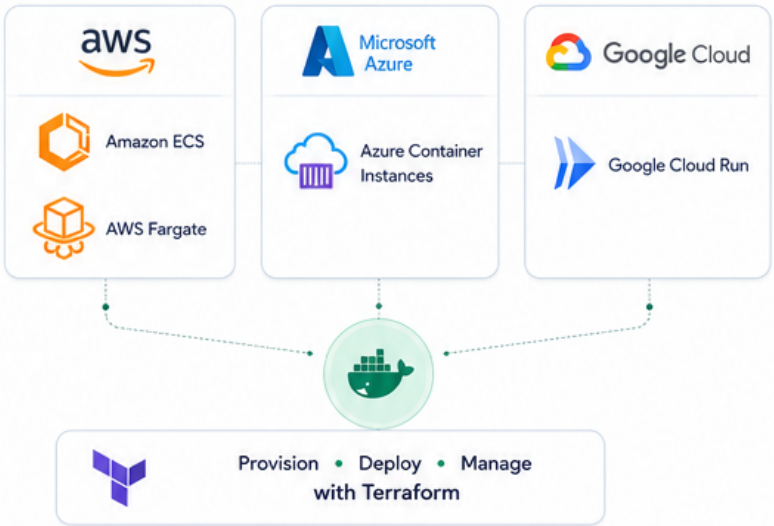


- Faster Deliveries
- Consistent Environments
- Reliable Deployments
- Cost Effective
- Scalable Applications

11
MODULE

DEPLOYING DOCKER CONTAINERS IN THE CLOUD

- Running Docker on AWS, Azure, or GCP
- Using AWS ECS, Azure Container Instances, and Google Cloud Run
- Deploying with Docker and Terraform





WHY CLOUD DEPLOYMENT?

- Global Scalability
- High Availability
- Pay-as-you-go Pricing
- Managed Services
- Faster Time to Market

BUILD. SHIP. SCALE. ANYWHERE.

- Automate Everything
- Deploy Anywhere
- Monitor Continuously
- Scale Effortlessly
- Future Ready

INDUSTRY PROJECTS

Hands-on projects to build real-world Docker & DevOps experience



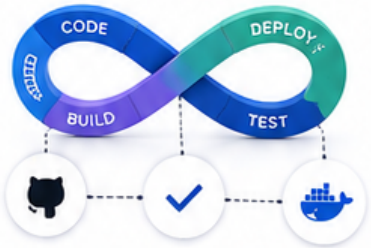
01 Multi-Container Web Application

Build and run a complete web application with frontend, backend, and database using Docker Compose.



02 CI/CD Pipeline with Docker

Automate build, test, and deploy process using GitHub Actions or GitLab CI with Docker.



03 Data Persistence with Docker Volumes

Implement data persistence in containers using volumes and bind mounts.



04 Microservices Application

Create a microservices-based application with Docker networking and service discovery.



05 Deploy Docker to the Cloud

Deploy containerized applications on AWS ECS / Azure ACI / Google Cloud Run.



TOOLS WE USE

Industry-leading tools and technologies to build, run and manage containers



Docker
Containerization platform for building, shipping and running applications.

Docker Compose
Define and run multi-container applications with ease.

Kubernetes
Container orchestration platform for automating deployment and scaling.

Git
Version control system for tracking changes in code and configurations.

GitHub
Code hosting platform for collaboration and CI/CD integration.

GitLab CI
CI/CD platform for automating build, test and deployment pipelines.

Jenkins
Automation server for building CI/CD pipelines.

VS Code
Lightweight code editor with powerful extensions for DevOps.

Nginx
High-performance web server and reverse proxy.

MySQL
Popular open-source relational database.

PostgreSQL
Advanced open-source relational database.

Redis
In-memory data structure store used as cache and message broker.

Prometheus
Monitoring and alerting toolkit for reliable systems.

Grafana
Analytics and monitoring visualization platform.

Terraform
Infrastructure as Code tool for provisioning cloud resources.

AWS
Cloud platform for running and scaling containerized applications.

Career - Enhancing Certification Program

ZETLAN TECHNOLOGIES

Certificate of Completion

THIS IS TO CERTIFY THAT

Your Name

HAS SUCCESSFULLY COMPLETED THE TRAINING COURSE

Docker

SIGNATURE

DATE

SAMPLE

Certificate of Completion

Turning Ambition into Achievement

DOCKER COURSE

Master containerization with Docker and build, ship, and run applications anywhere.



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OUR LOCATIONS

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