

AWS Roadmap — Beginner to Advanced (With Daily Checkboxes)

Month 1 — AWS Foundations

Week 1 — Cloud Basics + IAM (Daily Tasks)

- Understand IaaS, PaaS, SaaS
- Study AWS Global Infrastructure
- Create AWS Free Tier Account
- Configure MFA + Billing Alerts
- Create IAM User + Group
- Attach least-privilege policy

Week 2 — Compute Essentials (Daily Tasks)

- Learn EC2 basics & SSH
- Launch EC2 Linux Instance
- Install Apache/Nginx
- Understand Security Groups
- Learn Load Balancer Types
- Create Auto Scaling Group

Week 3 — Storage (Daily Tasks)

- Learn S3 basics
- Create S3 Bucket
- Enable Versioning
- Create Lifecycle Rule
- Host Static Website on S3
- Understand EBS vs EFS

Week 4 — VPC Networking (Daily Tasks)

- Understand VPC, CIDR
- Create Custom VPC
- Public + Private Subnets
- Internet Gateway + NAT

- Security Groups vs NACL
- Deploy EC2 inside subnets

Month 2 — Intermediate AWS

Week 5 — Databases

- Learn RDS basics
- Deploy RDS MySQL
- Connect EC2 → RDS
- Create DynamoDB Table

Week 6 — Security & Monitoring

- Study KMS basics
- Enable CloudTrail
- Create CloudWatch Dashboard
- Add CPU Alarm

Week 7 — Serverless

- Build Lambda Function
- Trigger with API Gateway
- Build SQS → Lambda workflow
- Learn SNS notifications

Week 8 — Containers

- Learn Docker fundamentals
- Push Image to ECR
- Deploy ECS Fargate Service

Month 3 — Advanced AWS

Week 9 — DevOps Tools

- Learn CodeCommit
- Learn CodeBuild
- Create CI/CD Pipeline
- CloudFormation Basics

Week 10 — Architecture

- Study Multi-AZ & Multi-Region
- Design 3-tier Architecture
- Understand DR Strategies

Week 11 — IaC Automation

- Learn YAML templates
- Deploy Infra with CloudFormation
- Study AWS CDK basics

Week 12 — Final Prep

- Cost Optimization
- Spot Instances
- Athena Queries
- Create GitHub Notes Repo

Top Recommended Resources

Category	Resources
Documentation	AWS Docs, AWS Skill Builder
Hands-On Labs	AWS Workshops, Well Architected Labs
YouTube	Maarek, freeCodeCamp, Abhishek Veeramalla
Practice Exams	Tutorial Dojo, Whizlabs