

Cloud

Cloud Development, Google, Certification, Microsoft Certification, Google Data Analytics, Microsoft/AWS Fundamentals

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- [Google Certification](#)
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Cloud/Development Cheatsheet



1. Python : <https://lnkd.in/grD8XUS6>
2. Pandas : <https://lnkd.in/g4yTJ7CP>
3. NumPy : <https://lnkd.in/gg9Uw-km>
4. Matplotlib <https://lnkd.in/gahrGicD>
5. Seaborn <https://lnkd.in/gcu4UKpw>
6. Scikit-learn <https://lnkd.in/gGfkNu5i>
7. TensorFlow : <https://lnkd.in/g3fw3uRV>
8. Keras : <https://lnkd.in/gfPTfbgg>
9. PyTorch <https://bit.ly/3lnsilz>
10. SQL : <https://lnkd.in/gnwe4qcb>
11. R : <https://lnkd.in/gEgJ6A8j>
12. Git : <https://lnkd.in/gyzhztvH>
13. AWS <https://bit.ly/3ZQWMS1>
14. Azure <https://bit.ly/42f4N4V>
15. Google Cloud Platform : <https://bit.ly/3JJADzv>
16. Docker : <https://bit.ly/3Lt2zJe>
17. Kubernetes <https://lnkd.in/gjXCT7Mb>
18. Linux Command Line : <https://bit.ly/3FtcTgw>
19. Jupyter Notebook <https://lnkd.in/g7cPmgHQ>
20. Data Wrangling : <https://bit.ly/3TiMibP>
21. Data Visualization : https://lnkd.in/gQ52Jd_J
22. Statistical Inference <https://lnkd.in/grNXVQh5>
23. Probability : <https://lnkd.in/gvnWCphc>
24. Linear Algebra : <https://lnkd.in/gty6XpVF>
25. Calculus <https://lnkd.in/gjhsmsxu>
26. Time Series : <https://bit.ly/3Fvuep4>
27. NLP: <https://bit.ly/3Fvursm>
28. Neural Network : <https://lnkd.in/gThs2AAp>
29. Deep Learning : <https://lnkd.in/gVbSPae2>

30. Machine Learning : <https://bit.ly/3mZ5Wh3>
31. Apache Spark : <https://lnkd.in/ge7Rj-Yr>
32. Hadoop : <https://bit.ly/3Lq34DR>
33. Big-O Notation t: <https://lnkd.in/gfYqM8WU>
34. Regular Expression : <https://lnkd.in/gE9kZTZW>
35. Unix/Linux Permissions <https://bit.ly/3ZUfwA8>
36. Python String Formatting <https://lnkd.in/gHi26Uk2>
37. Flask : <https://lnkd.in/gGzbSTgU>
38. Django : <https://lnkd.in/grZcWz8y>
39. SQL : <https://lnkd.in/gyierV3f>
40. PostgreSQL : <https://lnkd.in/gzfiW7zB>
41. MySQL: <https://lnkd.in/g4JnPVTe>
42. MongoDB : <https://lnkd.in/gHc4F4ER>
43. TensorFlow Probability Cheat Sheet: <https://lnkd.in/gr3bgDGP>
44. OpenAI GPT-3 Documentation: https://lnkd.in/gawB_SC9
45. GPT-3 API Reference: <https://lnkd.in/gtCGZvX8>
46. GPT-3 GitHub Repository: <https://lnkd.in/g56cQQPD>
47. Chat GPT Cheat Sheet : <https://lnkd.in/e43cDB9q>
48. [Apache Cookbook](#)
- 71 Python projects with [source code](#).

Google Certification

Google courses to master career in 2024.

1. Google IT Support Professional Certificate

Link: <https://lnkd.in/d3UuYRPx>

Benefits:

- ◆ Get a job as an IT support specialist
- ◆ Learn how to troubleshoot and repair computers
- ◆ Learn how to network and secure computers
- ◆ Earn a certificate from Google

2. Google IT Automation with Python Professional Certificate

Link: https://lnkd.in/dmVr_xUd

Benefits:

- ◆ Learn how to automate IT tasks with Python
- ◆ Get a job as an IT Automation Specialist
- ◆ Earn a certificate from Google

3. Data Engineering with Google Cloud Professional Certificate

Link: <https://lnkd.in/drhRQMZ8>

Benefits:

- ◆ Learn how to build and manage data pipelines with Google Cloud
- ◆ Get a job as a Data Engineer
- ◆ Earn a certificate from Google

4. Firebase in a Weekend

Link: <https://lnkd.in/dNdZXfC3>

Benefits:

- ◆ Learn how to build mobile and web apps with Firebase
- ◆ Get a job as a Firebase Developer
- ◆ Earn a badge from Google

5. Android Basics by Google

Link: <https://lnkd.in/dtH3REZP>

Benefits:

- ◆ Learn how to build Android apps
- ◆ Get a job as an Android Developer
- ◆ Earn a certificate from Google

6. Digital Marketing & E-commerce Essentials

Link: <https://lnkd.in/dE2TJ-DG>

Benefits:

- ◆ Learn the fundamentals of digital marketing and e-commerce
- ◆ Get a job in digital marketing or e-commerce
- ◆ Earn a certificate from Google

7. Google Ads for Beginners

Link: <https://lnkd.in/dD8AHqfu>

Benefits:

- ◆ Learn how to create and manage Google Ads campaigns
- ◆ Get a job as an SEO or SEM Specialist
- ◆ Earn a certificate from Google

8. Google Cloud Fundamentals: Core Infrastructure

Link: <https://lnkd.in/dwBWVM7Q>

9. Google Cloud Big Data and Machine Learning Fundamentals

Link: https://lnkd.in/dPW_Jckv

10. Google Cloud Fundamentals for AWS Professionals

Link: <https://lnkd.in/d2KucPWv>

Microsoft Certification

Here are 14 FREE courses you don't want to miss:

1. [Introduction to Generative AI with Large Language Models \(LLMs\)](#): In Generative AI with Large Language Models (LLMs), you'll learn the fundamentals of how generative AI works, and how to deploy it in real-world applications.

Check this out

<https://lnkd.in/g-aM-f5D>

2. [Generative AI for Productivity](#): Master the fundamentals of generative AI and how to use it to boost your productivity.

Check this out

<https://lnkd.in/g3NTsQjE>

3. [Generative AI for Designers](#) (Intermediate): Break into the GANs space. Master cutting-edge GANs techniques through three hands-on courses!

Check this out

https://lnkd.in/gCX_EAx8

4. [Generative AI for Developers](#) (Intermediate): Master the fundamentals of generative AI and how to use it to build applications.

Check this out

<https://lnkd.in/gsvyvAik>

5. [Generative AI for Business](#): Master the fundamentals of generative AI and how to use it to drive business growth.

Check this out

<https://lnkd.in/gJ5X2Yxm>

6. [Generative AI for Marketing](#): Master the fundamentals of generative AI and how to use it to create compelling marketing content.

Check this out

<https://lnkd.in/gn6xGtce>

7. [AI Tools for Project Managers](#): An overview of AI tools for project managers, executives, and students starting their AI career.

Check this out

<https://lnkd.in/dvVP9JeG>

8. [Generative AI: Basics and Ethics](#): Learn about the basics, history, working principles, and ethical implications of Generative AI.

Check this out

<https://lnkd.in/duy28vK3>

9. [AI in Project Management](#):

Check this out

<https://lnkd.in/dwruHPSj>

10. [Automating Tasks with Bing Chat](#): Utilize Microsoft Bing Chat to automate and streamline tasks effectively.

Check this out

<https://lnkd.in/dS72VTSK>

11. [Ethical Concerns in Generative AI](#): Address ethical concerns in deploying Generative AI, understanding the ethical analysis framework.

Check this out

<https://lnkd.in/dD63DHUs>

12. [Azure Machine Learning without Code](#): Learn how to use Azure Machine Learning to create and publish models without writing code.

Check this out

<https://lnkd.in/dM6bnkKH>

12. [Machine Learning](#) [Basics](#) [Tutorial](#)

This course is a great way to learn the basics and use cases of Machine Learning.

[Check this out](#)

https://lnkd.in/d_B6m9QZ

13. [Python](#) [Tutorial](#) [By Microsoft](#)

[Check this out](#)

<https://lnkd.in/dHeHqtAA>

14. [SQL](#) [Tutorial](#) [Basics](#)

[Check this out](#)

<https://lnkd.in/dytmJgYR>

[SQL](#) cheatsheet

[Master SQL](#)

Google Data Analytics

1. Google Data Analytics:

📄 https://lnkd.in/d_eAZ2wB

2. Learn Python Basics for Data Analysis

📄 <https://lnkd.in/dSwuqVAm>

3. Data Analysis with R Programming

📄 <https://lnkd.in/dCJYSbzE>

4. Foundations: Data, Data, Everywhere

📄 <https://lnkd.in/db4HN23c>

5. Ask Questions to Make Data-Driven Decisions

📄 <https://lnkd.in/dwRRwQ6Z>

6. Process Data from Dirty to Clean

📄 <https://lnkd.in/db3QzbPh>

7. Share Data Through the Art of Visualization

📄 <https://lnkd.in/darCNvxG>

8. Analyze Data to Answer Questions

📄 <https://lnkd.in/dEEPHFD5>

9. Get Started with Python

☐ <https://lnkd.in/dCzeH-WP>

10. Go Beyond the Numbers: Translate Data into Insights

☐ <https://lnkd.in/dk--DWhT>

11. The Power of Statistics

☐ <https://lnkd.in/djPTRnPR>

12. Regression Analysis: Simplify Complex Data Relationships

☐ <https://lnkd.in/dFPPEP7N>

13. The Nuts and Bolts of Machine Learning

☐ <https://lnkd.in/d9PUhiq5>

14. Google Advanced Data Analytics Capstone

☐ <https://lnkd.in/ddYqDxsG>

Microsoft Fundamentals

1. Python for Beginners

☐ <https://lnkd.in/drQMQsBK>

2. Introduction to Machine Learning with Python

☐ <https://lnkd.in/dg3Kh6ZN>

3. Microsoft Azure AI Fundamentals

☐ <https://lnkd.in/dM6bnkKH>

4. Write Your First Code Using C#

☐ <https://lnkd.in/dT3wXBwg>

5. Get started with AI on Azure

☐ <https://lnkd.in/d79qWhcV>

6. Microsoft Azure Fundamentals: Describe Cloud Concepts

☐ <https://lnkd.in/dUhs6GMJ>

7. Introduction to GitHub

☐ <https://lnkd.in/d6VQF2Zk>

8. Build an Early-Stage Startup

☐ <https://lnkd.in/dZvAX-RQ>

9. Microsoft Search Fundamentals

☐ <https://lnkd.in/d4t2uGSF>

10. Get Started with Office 365

☐ <https://lnkd.in/dYP-m2e5>

11. Data Science for Beginners

☐ <https://lnkd.in/dCuZtmeT>

AWS Fundamentals

AWS in Plain English



S3 store anything, anytime
(object storage)



IAM who can do what in your cloud



ALB balances traffic between apps



DynamoDB serverless NoSQL database



EC2 raw computing power (servers)



CloudWatch eyes & ears of your system
(logs, alerts)



EKS managed Kubernetes without
the pain



Route 53 connects your domain to AWS



Lambda code that runs only when
triggered



VPC your private network in the cloud

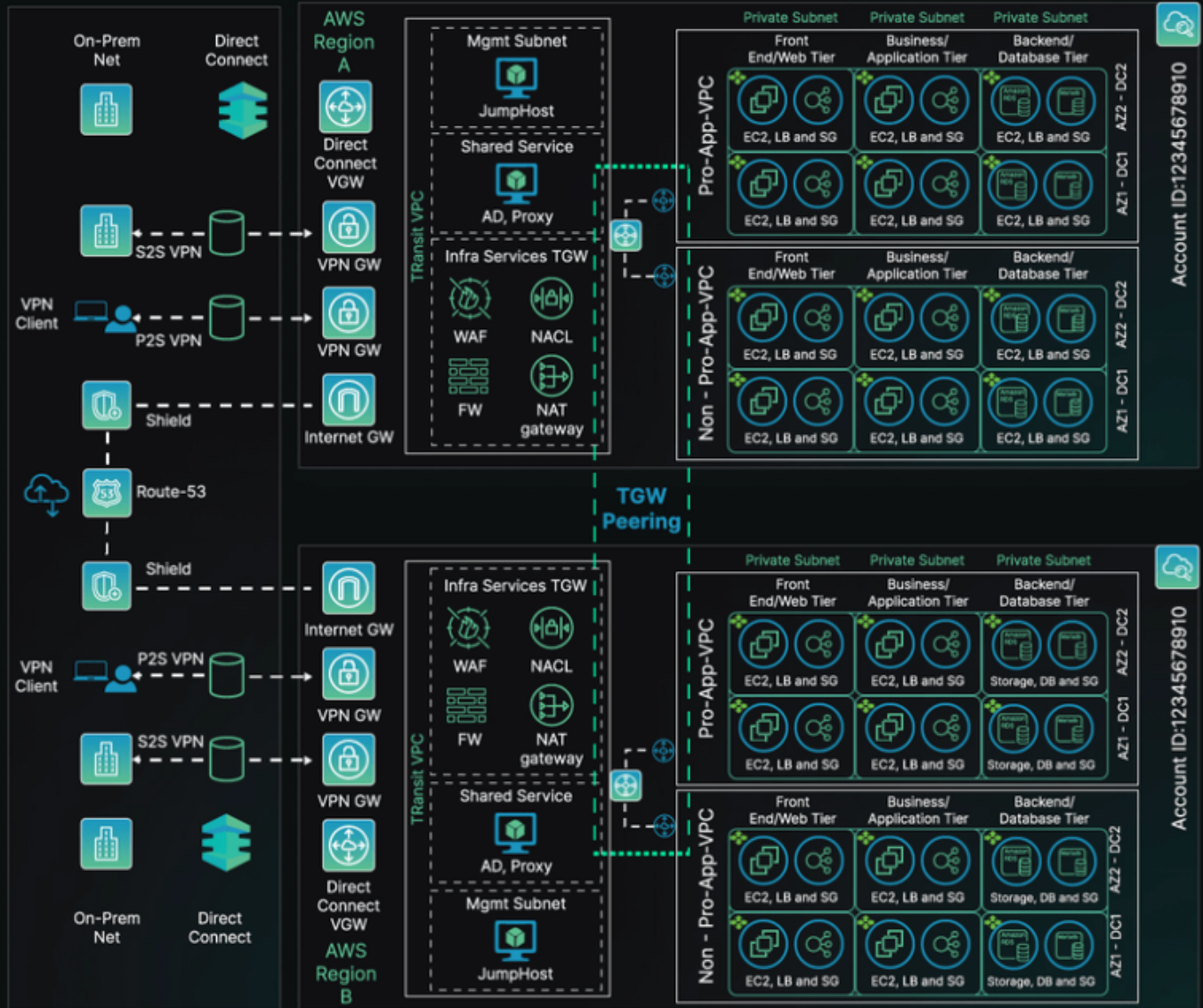



ECS run and scale containers



RDS managed databases, no manual
setup

AWS Multi-Region Network Architecture



-  Management Console
-  License Manger
-  Cloud Formation
-  PowerShell
-  Support
-  Dashboard
-  IAM
-  Email Service
-  Trusted Advisor
-  Organization
-  CloudWatch
-  Auto Scaling

1. AWS Cloud Practitioner Essentials

<https://lnkd.in/gjBTfGnF>

2. AWS Cloud Technical Essentials

<https://lnkd.in/gMcdT65P>

3. Building Modern Python Applications on AWS

<https://lnkd.in/ggGNigzK>

4. Amazon DynamoDB: Building NoSQL Database-Driven Applications

<https://lnkd.in/gyHvu2fh>

5. Getting Started with Data Analytics on AWS

<https://lnkd.in/gzinyqHn>

6. A Practical Introduction to Cloud Computing

<https://lnkd.in/gbDmRfAv>

7. Cloud Computing With Amazon Web Services

<https://lnkd.in/gpNr6aU9>

8. Starting your Career with Amazon AWS

<https://lnkd.in/gD38xW9v>

9. Amazon Web Services (AWS) - Zero to Hero

<https://lnkd.in/g6QryAtq>

10. Amazon Web Services - Learning and Implementing AWS Solution

<https://lnkd.in/gWGMCRdv>

11. Serverless computing in AWS

<https://lnkd.in/gaphn9fs>

12. AWS Certified Solutions Architect Associate Introduction

<https://lnkd.in/g5PCHsSC>

13. All About AWS Lambda and Serverless

<https://lnkd.in/gVmWZBuN>

14. AWS Tutorials - DynamoDB and Database Migration Service

<https://lnkd.in/ghJx-CzB>

15. Multitier architecture with AWS

https://lnkd.in/gp4_Qs_U

16. Amazon Web Services (AWS): CloudFormation

<https://lnkd.in/g4MhQzAM>

17. AWS VPC Transit Gateway - Hands On Learning!

<https://lnkd.in/gTBcZmFT>

18. Frontend is for Everyone

<https://lnkd.in/g6MgpfVB>

19. AWS For Beginners

https://lnkd.in/gFQgT_H7

20. AWS for Beginners: First step to start your Cloud Computing career

<https://lnkd.in/gWRJCsiw>

21. Getting Started with AWS Services Fundamentals for Beginners

<https://lnkd.in/ghQvY9gC>

22. AWS Services in a [Nutshell](#)