

CLOUD SOLUTIONS ARCHITECT

ROADMAP



THIS BOOKLET PROVIDES DETAILED INFORMATION ON HOW TO START A SUCCESSFUL CAREER AS A CLOUD SOLUTIONS ARCHITECT.

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TABLE OF CONTENTS

What is a Solutions architect?	1
What is a Cloud Solutions Architect?	2
Common Requirements	3
Job Hunting Tips	4
Tip #1: Track the Job Market	5
Tip #2: Upskill	6
Tip #3: Get Certified	7
Job Market Prediction	8
Free Resources	9
Premium Resources	10
Final Remarks	11

What is a

SOLUTIONS ARCHITECT?



It is a customer-facing role
that's responsible for:

- THE **OVERALL TECHNICAL RELATIONSHIP** AND STRATEGY BETWEEN THE CUSTOMER/CLIENT AND THE ORGANIZATION
- LEADS **ARCHITECTURAL DESIGN SESSIONS**, DEVELOPS PROOF OF CONCEPTS (POC)/PILOTS AND IMPLEMENTS PROJECTS
- **DELIVERS CONTINUOUS ENHANCEMENT** AND IMPROVEMENT OF EXISTING SYSTEMS
- **ADVISING STAKEHOLDERS** AND TRANSLATING **BUSINESS REQUIREMENTS** INTO DESIGNS FOR SECURE, SCALABLE, AND RELIABLE TECH SOLUTIONS.

What is a

CLOUD SOLUTIONS ARCHITECT?



It's a technical role focused on providing...

CLOUD
SOLUTIONS



- HELPING CUSTOMERS SUCCESSFULLY IMPLEMENT CLOUD SOLUTIONS
- CRAFT HIGHLY-SCALABLE, FLEXIBLE, AND RESILIENT CLOUD ARCHITECTURES
- ASSIST CUSTOMERS ON CLOUD ADOPTION AND DIGITAL TRANSFORMATION

COMMON REQUIREMENTS FOR A CLOUD SOLUTIONS ARCHITECT ROLE



- **Strong Written/Oral Communication Skills**
- **Related educational background/ tech degree**
- **Several years of technical experience**
- **Experience in certain industries (e.g., Banking, Telecommunications, Health, et cetera...)**
- **Industry Certifications (e.g., TOGAF, AWS, Microsoft Azure, Google Cloud, et cetera...)**

- **Knowledge in:**
 - **Modern/Distributed Architecture**
 - **Security, Risk, & Compliance**
 - **Hybrid Networking/Integration**
 - **...and many more!**

- **Skills in:**
 - **Designing highly-available, resilient and cost-effective solutions**
 - **Providing efficient cloud solutions to customers within deadline and budget**
 - **... and other relevant skills!**

JOB HUNTING TIPS



- 1 **TRACK THE JOB MARKET**
- 2 **UPSKILL**
- 3 **GET CERTIFIED**

1

TRACK THE JOB MARKET

The screenshot shows the Indeed website interface. At the top, there is a search bar with the query "solutions architect", a location filter set to "New Jersey", and a "Search" button. Below the search bar, there is a section titled "Upload your resume - Let employers find you". The main content area displays two job listings:

- AWS Solutions Architect** at Fabec IT in Princeton, NJ 08540. The listing includes a brief description: "As a trusted customer advocate, the AWS Solutions Architect helps our clients understand best practices around advanced cloud-based solutions, and how to...". It was posted 30+ days ago.
- Digital Solutions Architect** at Logical Design Solutions, Inc. in Florham Park, NJ. The listing includes a brief description: "Experience with systems integration (including delivering

On the right side of the page, there is a detailed view of a specific job listing for "Client Solutions Architect Manager" at JPMorgan Chase & Co. This view includes the company's logo, a star rating of 4.5 stars from 19,121 reviews, the location Jersey City, NJ 07310, and the salary range \$117,800 - \$185,000 a year. It also includes a "Profile insights" section, a "Skills" section with a "Sales" option, and a "Job details" section.

- Search the different job sites for available jobs with a “Solutions Architect” role
- Be aware of the dynamics or trends in the job market and ensure that your current skillset is still in demand.
- Take note of the common knowledge and skills required on the job posts.

Cloud Solution Architect (AWS, Azure)

Tutorials Dojo Pty. Ltd.

[Quick apply](#)[Save](#)**Cloud Solution Architect (AWS, Azure)**

Tutorials Dojo Pty. Ltd.

 Sydney NSW Architects (Information & Communication Technology) Contract/Temp \$1100 - \$1185 per day (Including Super) + GST

Posted 1d ago

- \$1,100 - \$1,185 per day (Including Superannuation) + GST
- Parramatta, NSW working location
- 3-4 Month initial contract (+extensions) - Scope of work 2-3 years
- Immediate interview and start available - Apply Now!

Required skills and experience:

- 7+ years Solutions Architect experience in total
- 4+ years Digital / Software Development (SDLC) experience in total
- 3+ years AWS and/or Azure Cloud experience
- Completed minimum 2x On-Premises-to-Cloud projects
- TOGAF 9 Certified (highly desirable)
- Excellent communication & client stakeholder experience

**Nice to have:**

- Proven NSW Government, Banking or Telco experience
- Experience of working on large complex projects (\$10 Million +)

If you feel this would be an opportunity that ticks the boxes for you, respond with an up-to-date CV and

- **Be in the know of what really is in demand, especially the required technical skills and experience for a Solutions Architect role from the popular job sites.**
- **Don't stop learning and continually upskill**
- **Ensure that there is a market for your current skills to future-proof your career**

3

GET CERTIFIED



- Having relevant experience is definitely crucial for landing a job as a Solutions Architect, but so is having industry certifications.
- Check the various job postings for a Solutions Architect role and you'll see that there are companies that prefer certified professionals
- Being certified will give you that edge against other candidates

JOB MARKET OUTLOOK

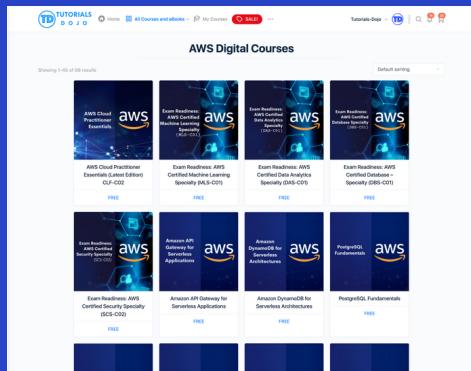


- MACHINE LEARNING AND OTHER AI-RELATED KNOWLEDGE/SKILLS WOULD LIKELY BE INTEGRATED WITH SOLUTIONS ARCHITECTURE ROLES
- CONTINUOUS DECLINE OF MONOLITHIC/TRADITIONAL SERVER-BASED ARCHITECTURE WHICH WILL BE REPLACED WITH MORE MODERN AND SERVERLESS/CLOUD NATIVE ARCHITECTURES
- MORE CLOUD ADOPTION AND LESS DEPENDENCY TO ON-PREMISES RESOURCES
- AWS AND AZURE WILL CONTINUE TO GROW IN THE GLOBAL CLOUD COMPUTING MARKET SHARE WITH GOOGLE CLOUD PLATFORM TRAILING BEHIND

Free

RESOURCES TO GET STARTED

100+ FREE AWS COURSES



This screenshot displays the AWS Cloud Practitioner Essentials course page. On the left, there's a sidebar with a navigation tree and a progress bar indicating '5% COMPLETE'. The main content area is titled 'Benefits of cloud computing' and lists several advantages: 'Trade upfront expense for variable expense', 'Stop spending money to run and maintain data centers', 'Stop guessing capacity', 'Benefit from massive economies of scale', 'Increase speed and agility', and 'Go global in minutes'. Below this, a section about AWS global infrastructure is shown, followed by a note about exploring AWS services for content delivery.

- Interactive
- Concise
- Relevant
- FREE!

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PREMIUM RESOURCES



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Practice Exams



Learn By Doing with our
PlayCloud Hands-On Labs



The screenshot shows the AWS PlayCloud interface. On the left, there's a sidebar with icons for VPC, Direct Connect, Amazon VPC IP Address Manager, Amazon VPC Network, AWS Lambda, AWS Lambda Functions, AWS Lambda Edge, Trusted Advisor, CloudWatch Metrics, and CloudWatch Metrics Insights. In the center, a guided lab titled "Hands-On Lab: Adding Inbound and Outbound IP Group" is displayed. It includes steps like "Click the Start PlayCloud button. This will take you to the Security group section of the AWS VPC console." Below the lab is a screenshot of the AWS VPC console showing security group settings. On the right, the AWS CloudWatch Metrics Insights dashboard is shown, featuring various metrics and charts.

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FINAL REMARKS



There are a lot of factors at play that determine whether you are to be a successful solutions architect or not. Conversely, the cacophony of other people's opinions may negatively affect your career journey, especially their unsubstantiated views and misleading advice.

The key takeaway is to always check the job market, as it holds the most accurate information on the actual demand for specific roles/jobs.

Focus and invest in learning the specific skills/experience/certifications that are posted on job advertisements and be mindful of the trends in the job market.

Consider applying for an entry-level Solutions Architect Intern and move your way up as a solid starting point for your Solutions Architect career.



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