

Azure Job Oriented Program

Become a Multi-Skilled Azure Professional and Land High Paying Jobs at Top Companies



Partners



Silver
Microsoft
Partner

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About K21Academy

Founded by Mr. Atul Kumar, a seasoned Multi-Cloud and DevOps expert and author, K21Academy is a leading online training platform dedicated to empowering professionals in Cloud, DevOps, Data, and AI/ML technologies.

We proudly collaborate with industry leaders such as Oracle and Microsoft to deliver high-quality, industry-relevant training that keeps you ahead in today's fast-evolving tech landscape.

Our comprehensive courses cover AWS, Azure, Oracle Cloud, Google Cloud, DevOps, Kubernetes, Data Engineering, and AI/ML on AWS and Azure platforms. Crafted by experienced experts, our study materials focus on practical skills and deep knowledge aligned with the latest industry standards.

With over 45,000 successful learners who have achieved key milestones like job placements and certifications, and a thriving community of 160,000+ followers across social media, K21Academy is a trusted partner for career growth in emerging technologies.

Our expert team includes certified Cloud Engineers (AWS, Azure, Google, Oracle), DevOps & Kubernetes specialists, Data Architects, AI/ML practitioners, and Database Architects, all committed to delivering the best possible learning experience.

Ready to advance your career in Cloud, Data, or AI/ML? Explore our courses and resources at www.k21academy.com.



Meet your Mentor



You will be mentored by Atul Kumar, the founder of K21 Academy, and his team of Azure experts, in the Azure Job Oriented Program. Atul has over 20 years of experience in the IT industry.

He began his IT career in 2000 as an Oracle DBA/Apps DBA. The first few years were tough for him, with very little growth. However, in 2005, he transitioned to Oracle Security & IAM, and his career took off. He had a great run for the next 5-6 years, with a lot of growth and opportunity.

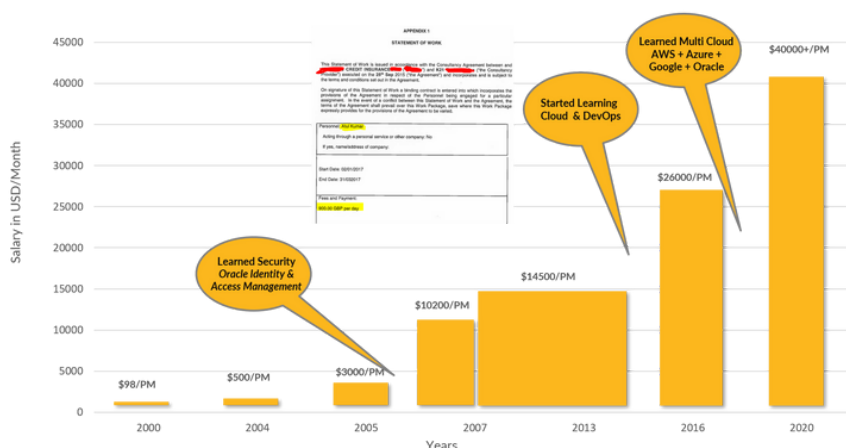
However, around 2012-13, he started to feel stuck. He wasn't learning anything new,

wasn't growing, and wasn't being challenged. At that time, the Cloud was gaining popularity, and Containers (Docker) were emerging, offering many higher-paying job opportunities in those fields.

So, he decided to make a change in his career path and transitioned from working on On-premises (Security, Infrastructure & Databases) to focusing on Cloud & DevOps. Over the next 2 years, he learned about important Cloud platforms like AWS, Azure & Oracle, as well as DevOps. He kept up with the new Cloud-based tools & technologies such as Google Cloud, Docker, Kubernetes, Terraform, Ansible, CI/CD, Jenkins, etc.

Learning Cloud & DevOps gave him the opportunity to work with some of the world's biggest and most prestigious clients such as Toyota, Royal Bank of Scotland, Worldpay, Scottish Government, NHS (United Kingdom), Saudi Railways, datAvail, Tuscan Electric (USA), Oracle, and more.

My Mid-Career Crisis



About the Program

The Azure Job Oriented Program is a comprehensive training program that will teach you the skills you need for a variety of Azure Cloud roles. This program is designed to help you prepare for your dream job in the Azure Cloud industry.

We will cover the most in-demand industry projects and hands-on labs, and we will help you with your CV, LinkedIn, and job interview preparation.

You will have the opportunity to gain hands-on experience with Azure technologies by working on projects under the one-on-one guidance of experienced Azure experts.

In this comprehensive program, you will acquire the skills required for various Azure Cloud roles, including Azure Architect/Engineer, DevOps Engineer, Developer, Administrator, Security Specialist, and more. This program will prepare you for all Azure Cloud roles in one go.

Also, you can choose any one certification from our list, and we will provide you with the necessary study materials and exam preparation kit so you can pass it. This will give you a significant advantage when you start applying for jobs.

Our team of Azure experts will be there to support you every step of the way, helping you to master the skills you need for your dream job. We are here to help you succeed, and we will do everything we can to make sure you get your dream higher-paying job.

To learn more about the Azure Job Oriented Program and to enroll, schedule a free call today.



Course Curriculum



Learning Path



Azure Job Oriented Program Course Outline

MODULE

1

Azure Basics & Architecture

- Cloud Overview
- Cloud Service Models
- Cloud Deployment Models
- Azure account and Subscription
- Azure Services Overview

Hands-on-Lab

- Create FREE Azure Cloud Account
- Switch to pay as you go account
- Create Billing Alert using Portal
- Install Visual Studio Code, Python & GIT on VM

2

Microsoft EntraID (Azure AD) & On-Prem AD Integration

- What is Microsoft Entra ID (Azure Active directory)
- Understand About Azure Directory and Azure Subscriptions
- PIM(Privileged Identity Management)
- IAM,Azure Active Directory, Users Groups

Hands-on-Lab

- Azure Active Directory Synchronization Using AD Connect
- Role Based Access Control (RBAC) in Azure
- Config a VM to login using EntraID through Azure

3

Azure Networking

- Virtual Networking, CIDR, Public and Private IP
- Virtual Networks and Subnetting
- NSG, Route Table and ASG
- DNS
- Application Security Group
- Azure Firewall and Firewall Manager
- Bastion Host

- VNet Peering and Transit Gateway
- Azure Networking - VNet & CIDR
- Create Virtual Network in Azure Portal

Hands-on-Lab

- Create Resource Group, Virtual Network, Subnet and Virtual Machine
- Create an Azure Bastion host
- Create and Configure VNet Peering
- Create an Azure Firewall
- Create Hub & Spoke Topology Using Azure Portal

4

Load Balancing & Connectivity

- Load Balancer
- Application Gateway
- Azure Traffic Manager
- VPN Gateway, S2S & P2S, WAN
- Express Route

Hands-on-Lab

- High Availability with Azure Load Balancer
- Configure VPN Gateway Connection
- Create & Manage Azure Front door
- Deploy Traffic Manager with Azure App Service
- Create & Manage Application Gateway
- Configure Azure Private DNS Zone

5

Network Identity & Security

- Service Endpoint
- Managed Identity and Service Principle

Hands-on-Lab

- Filter Traffic using Network Security Group
- User-assigned managed identities for Azure resources
- Secure Storage with Service Endpoints

6

Azure Compute Management

- What is Compute
- Compute: Virtual Machines (VM)
- Compute: App Service

Hands-on-Lab

- Create & Connect to VM of Windows image
- Create & Connect to VM of Linux image

- Deploying and testing VM Scale Set
- Creation of Webapp in Azure cloud

7

Azure storage solution

- What is Storage?
- Storage Data Types
- Managed and unmanaged storage
- Key Vault

Hands-on-Lab

- Implementing Secure Data using Key vault
- Azure File Share
- Create Managed and Unmanaged Disk
- Create Blob lifecycle management
- Create Azure Storage & Containers

8

Container and Azure Kubernetes Services

- Docker & Kubernetes
- Container Images, Container Instances & Container Registry
- Azure Kubernetes
- AKS Cluster Architecture

Hands-on-Lab

- Creation and Testing Azure Container Registry
- Implement Azure Container Instances
- AKS cluster creation and accessing it
- Creation of SQL as a PAAS in AKS
- Deploying Docker containers to Azure App Service web apps
- Configuring and Securing AKS

9

Azure DevOps

- Introduction to Azure DevOps
- Azure Pipelines
- Infrastructure As Code and Configuration Management

Hands-on-Lab

- Creating FREE Microsoft Azure DevOps Account
- Enable Parallelism in Azure DevOps
- Implementing GitHub Actions for CI/CD
- Deploying a multi-container application to Azure Kubernetes Services
- Creating Service principal for applications

10

Logging & Monitoring for Azure Resources

- Azure Monitoring
- Monitoring Log Analytics
- Network watcher, Log analytics and Operational monitoring
- Difference between Microsoft Defender for Cloud and Sentinel

Hands-on-Lab

- Monitor Application Performance with Azure Load Testing
- Azure Monitoring Using Log Analytics
- Azure Network Watcher
- Microsoft Defender for Cloud

11

Backup & Migration with Azure Cloud

- Backup
- Overview of Azure Migrate

Hands-on-Lab

- Backup of Azure VM into Azure Backup Vault
- Virtual Machine Replication via Azure Site Recovery
- Backup of On-Premise Server into Azure Backup Vault

12

Azure Developer

Hands-on-Lab

- Building a web app on Azure PAAS offerings
- Retrieve Azure Storage Data with .NET SDK
- Constructing a polyglot data solution
- Deploy Workloads with Images & Containers
- Authenticate with OpenID, MSAL, & .NET SDKs
- Secure Resource Secrets Across Services
- Build a Multi-Tier Solution with Azure
- Azure Service Bus Queue Messaging
- Enhancing a web app by using the Azure CDN
- Monitor Services that are deployed to Azure
- Publish and subscribe to Event Grid events using Azure
- API Management

Curated Projects (Azure Cloud)



Curated Projects:

- Deploy App, DB to Kubernetes on Azure CI/CD DevOps AKS
- Create a 3-Tier Architecture deployment Using Azure
- Create a WordPress Site on the Azure Portal
- Host your Portfolio via Azure Storage
- Containerize and deploy a Java app to Azure
- Deploy Netflix Clone Application on Kubernetes
- Automating Infrastructure Deployments on Azure Cloud with Terraform & Azure Pipelines
- Site to Site Connection using Azure Portal
- Azure Resource Migration Across Regions
- Migrating On-premise to Azure using Azure Recovery Service Vault
- Entra ID (Azure Active Directory) Synchronization with On-Premise Active Directory using Entra Connect (AD Connect)
- Create a Containerized application using AKS

LinkedIn Profile Optimization

1. Professional Photo
2. Customized URL
3. Headline
4. Summary
5. Experience
6. Skills & Endorsements
7. Recommendations
8. Certifications
9. Projects
10. Education
11. Groups
12. Content Sharing
13. LinkedIn Learning



✚ **NEW:** Having an amazing LinkedIn profile is super important these days, and we want to help you make sure yours stands out.

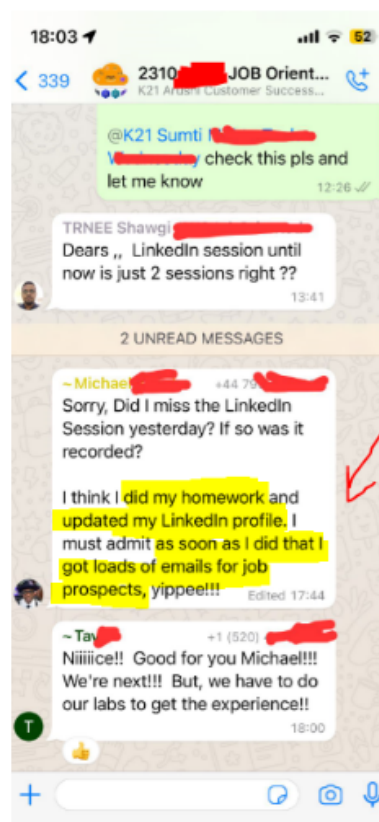
Our team of experts will work with you to make sure your LinkedIn profile is optimized and helps you showcase your skills and experience.

Some quick tips for optimizing your LinkedIn profile:

1. Use a cover photo that showcases your personality or work.
2. Highlight your top skills in your headline.
3. Use 'open to work' if you're open for new job opportunities.
4. Optimize your 'about' section with relevant keywords.



Result



Mock Interview



1. Technical Question:

- Azure services and features
- Azure Storage options and security
- Managing and optimizing Azure virtual machine

2. Scenario-Based Question:

- Migrating applications to Azure
- Troubleshooting Azure issues
- Optimizing Azure resources for cost and performance

3. Conceptual Question:

- Benefits and challenges of cloud computing
- Azure architecture and traffic management
- Data redundancy in Azure

4. Practical Question:

- Azure CLI and PowerShell scripting
- Configuring and monitoring Azure resources via the Azure portal

5. Behavioural Question:

- Team Collaboration and conflict resolution
- Problem-solving in high-pressure situations

6. Case Studies:

- Designing solution using Azure services
- Ensuring data security and compliance in Azure

Features and Perks



Live Interactive Sessions from Azure Experts

Learn from the best in the industry with live sessions from Azure experts. They will share their expert tips and tricks, and answer all of your questions.



Industry In-Demand Projects and Hands-on Labs

Get hands-on experience with industry in-demand projects and hands-on labs. This will give you the skills you need to succeed in the job market.



1 year unlimited retakes

You can rewatch the live sessions and retake the labs for up to 1 year after the program ends. This gives you plenty of time to learn and practice at your own pace.



1year on-job support

Get help on your job work for 1 year after completing the program.



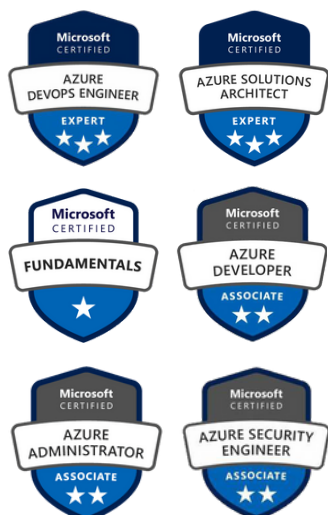
WhatsApp support & ticketing system

Get help from our team of experts via WhatsApp or our ticketing system. We are always available to answer your questions.



Mock Interviews

We'll also do **mock interviews** so you can practice.



Master Your Chosen Certification: Study Materials and Exam Prep for Success

We provide comprehensive study materials and an exam preparation kit for all the certifications listed below. Our resources include detailed study guides, Lab, and multiple sample exam question sets (**1000+ questions with in-depth explanations**) tailored to each certification. These materials are designed to help you thoroughly understand key concepts, practice exam-style questions, and confidently pass your certification exam.

- [\[AZ900\] Azure Fundamentals](#)
- [\[AZ-104\] Azure Administrator](#)
- [\[AZ400\] Azure DevOps](#)
- [\[AZ-500\] Azure Security](#)
- [\[AZ-305\] Microsoft Azure Solutions Architect Expert](#)
- [\[AZ-204\] Microsoft Azure Developer Associate](#)



6 Months Money-Back Guarantee

If you don't get the result after completing all of the activity labs and projects, you can get a full refund. To qualify for a refund, you must provide proof that you have attended sessions, completing hands-on labs & Projects, applying to at least 50 jobs & get CV Reviewed (share proof) & you feel that the program is not worth the money you invested, you will receive a full refund. (we will help you with the job search & application).

Who is this Program for?



The Azure Job Oriented Program is for anyone who wants to:

- Get a higher paying job in the Azure Cloud area
- Get industry-leading guidance from top experts
- Perform industry-demonstrated projects and add them to their CV
- Gain hands-on experience in Azure Cloud technologies

Specifically, the program is for:

- IT professionals working on-premise (Unix / Linux/ Windows, networks, storage, databases, VMware, testing, containers, Kubernetes, sysadmins, administrators, developers, support, operations, DevOps, architects, or technical managers)
- Those working on other Clouds like AWS, Google, Oracle, IBM, Alibaba, SAP, VMWare, OpenStack.
- Freshers or new to IT who want to build a career into high-paying IT Cloud jobs.
- Those who are feeling stuck in their IT career (not growing) or too busy (don't have enough time), or would like to stay on the latest in-demand technologies for higher-paid jobs.
- Those who understand that it takes investment to get to the next level.

Success Stories



Gargi Agrawal

DevOps | SecOps | CKA

I had a strong reservation regarding the price but I took a leap of faith and found that the course was worth way more than being charged. Looking back, I wonder why I didn't take that decision earlier. I could have learned and earned much quicker. I passed exam on my first attempt which helped me to get higher paid job, and I am very thankful to the team. The service provided from registration to training is excellent.



Shailesh Tak

Oracle Database | EBS | FMW Consultant

Time was the biggest challenge for me as with Family, big team to manage at workplace, and my own deliverables, I didn't have any time to Study. Videos on Portal and ability to learn at my own pace is the best I think for me. I now usually learn while commute and Jump on Live sessions whenever my busy schedule allows.



Meghana Batchu

Specialist Design Engineer at BT

Took career break and confused about how can start my career again with the latest technology, I learned DevOps, Cloud that helped me to re-start my Career in IT after a Gap. I was able to learn all things step by step and as new things are coming, I am enjoying new learnings everyday.



Piyush Jain

DevOps Engineer & Kubernetes Administrator

I was in final year of college, when I realized I have to learn Cloud & DevOps to get a good paying Job. Not only I learned Azure Cloud with the Guidance, after that I learned Kubernetes in depth and cleared Cloud certifications.

I got job offer as a DevOps & Kubernetes Security Specialist in Cognizant. I am glad I started learning these early.



Ronal McCoy

Technical Support Analyst | Sec+, Net+, A+, CSIS, CIOS

I was looking for the training so I can handle my client project. I was happy to attend the live session and from the instructor and with the help of the labs and team support, I was able to complete the project.



Khalid Ghumman

Database Architect | Aspiring Cloud Architect

3 months ago when he was planning to join this program, even having lot of other certifications and experience in DBA he had no clear road map or objective for upcoming time. Now he said "Today not only I'm feeling focused but have a goal and moving towards that even with moderate speed but no issue".

Testimonials

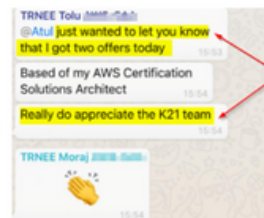
No IT Background to 2 Job Offers

Tolu Daramola



Tolu Daramola • 1st
AWS Solutions Architect | Cloud Data..
Courtice, ON
1K followers

I was initially a bit hesitant to join K21Academy as I was moving to Cloud and desired to get new opportunities. I was new to Cloud & didn't even have any IT background. K21Team is commendable. I cleared the AWS certification and based on that I got 2 job offers. Thanks, Atul for the wonderful training.



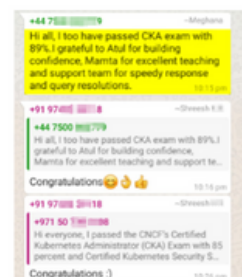
Career Gap & Confused to working with BT

Meghana Batchu



Meghana Batchu • 2nd
Specialist Design Engineer at BT
London Area, United Kingdom
Experience: BT Group, Professional Training, and 4 more
2 mutual connections

Took career break and confused about how can start my career again with the **latest technology**, I learned **DevOps & Multi-Cloud** that helped me to re-start my Career in IT after a Gap. I was able to learn all things step by step and as new things are coming, I am enjoying new learnings everyday.



Not feeling confident

Gargi Agrawal



Gargi Agrawal • 1st
DevOps | SecOps | CKA | CKS
Bengaluru
Experience: Standard Chartered Bank, Dover Fueling Solutions, and 5 more

In the beginning, I was not confident whether I would be able to prepare myself, but the K21 team made it very easy. I enrolled myself in K21Academy training program for higher paid job. I passed certification on my first attempt, and I am very thankful to the team. The service provided from registration to training is very excellent and they helped me for the interviews too. After attending the session i got the job offer. Thanks, Atul for motivating me for my career.

No Interviews to Highly Paid Job

Joby Sam

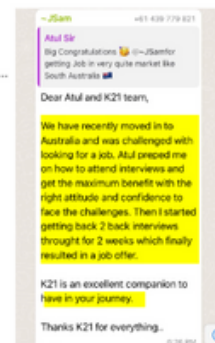


Joby Sam • 3rd+

A competent leader with over 16 years of experience in handling ...
Adelaide, SA

Experience: G'day Group, Gulf Cryo, and 5 more

I move to Australia and was struggling to get Job. Atul prepared me on how to prepare resume & interviews with right attitude. I then started getting back 2 back interview. This resulted in Job offer with in 2 weeks



Cleared Six Interviews

Yashovardhan

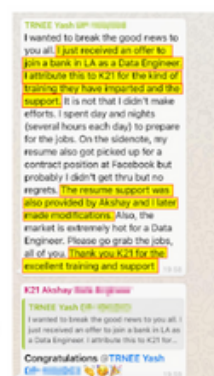


Yashovardhan Mopur • 2nd

Senior Data Engineer
Burbank, CA

Experience: Birlasoft, IBM Global Services, and 6 more

Honestly, I was impressed by the presentation put forward by Atul and his team, and that made me confident and determined. The Hands-on Labs provided by K21Academy gave me more confidence and practice, and I must tell you that everything is perfectly covered in the labs. I could easily "Clear SIX Interviews" after I took this course. I love how systematically K21Academy works, and I would recommend it to everyone!



Our Happy Customers



Witness the triumph of our esteemed customers as they embark on remarkable career journeys, securing coveted roles within renowned companies. Their success stories stand as a testament to the transformative power of our educational programs, providing the skills and knowledge needed to thrive in today's competitive job market. Join our community of achievers and unlock your path to professional excellence, paving the way for a future filled with boundless opportunities and personal growth.

#CREATEIMPACT

THANK YOU

www.k21academy.com

Need more insights?

Speak with our Career Counsellor for a detailed overview of
Azure Job Oriented Program.

[Schedule a Call](#) 