



DevOps and Cloud Job Ready Program

Introducing PaperLive's Ultimate DevOps Course – your path to mastering Azure, GCP, and AWS!

DevOps and Cloud Job Ready Program:

Prepare to excel in your next DevOps and Cloud Computing interview with our intensive bootcamp.

Designed for professionals seeking to enhance their technical skills and boost their career prospects, this Bootcamp provides comprehensive training, hands-on practice, and expert guidance.

Why DevOps?



- High Demand in the Job Market:** DevOps professionals are in high demand as companies prioritize automation, cloud adoption, and continuous delivery, making it a lucrative career path.
- Competitive Salaries:** DevOps engineers are among the top earners in tech, with companies offering attractive salary packages due to the specialized skill set required.
- Enhances Career Growth:** A DevOps course opens doors to various tech roles, from cloud engineers to automation specialists, offering diverse career advancement opportunities.
- Bridges Development and Operations:** DevOps skills enable you to work efficiently across development and operations, fostering collaboration and improving productivity within teams.
- Practical, Hands-on Learning:** DevOps courses focus on real-world tools and practices, giving you practical experience with cloud platforms, CI/CD pipelines, and automation tools.
- Future-Proof Career:** With the growing importance of cloud computing, containerization, and microservices, DevOps skills ensure you're well-equipped for the evolving tech landscape.
- Versatility in Industries:** DevOps skills are transferable across multiple sectors, from finance and healthcare to e-commerce and entertainment, providing diverse job opportunities.



Top Jobs of the 21st Century

- A Million and One Job Posts- By 2026, there will be 1.1 million job ads worldwide for DevOps and cloud computing positions.
- Development of Skill- Professionals in cloud computing and devops have a variety of essential talents that help them get attractive employment offers.
- Expanding Industry in Cloud Computing and DevOps- Global cloud computing and DevOps sector CAGR of 22% by 2030
- Future-focused Professionalism- Cloud Computing and DevOps is a budding field; a head start will prove to be beneficial
- Strong Requirement- The demand for DevOps courses is skyrocketing as companies prioritize automation, continuous delivery, and cloud infrastructure. Mastering DevOps skills opens doors to high-paying tech roles across various industries.

About Bootcamp

PaperLive's DevOps course provides comprehensive, hands-on training in top cloud platforms like Azure, GCP, and AWS, ensuring you gain practical experience in automation, continuous integration, and cloud infrastructure management. With expert trainers guiding you through real-world scenarios, this course is designed to build your confidence and competence in key DevOps tools and practices. Whether you're looking to up-skill or launch a new career in tech, PaperLive's affordable and industry-focused program is your gateway to thriving in today's fast-evolving IT landscape.

Key Highlights

- Self-Paced Study for 130 Hours
- Live Sessions with Industry Experts for 4 Months
- Particularized Career Services Meetings
- 1:1 Consultation with Industry Mentors
- Ideal for Graduates with and without Technical Backgrounds
- 20+ Case Studies & Industry Projects
- 24*7 Support
- Weekday Revision and Doubt-Clearing Sessions
- IBM certification
- Mock Interview Sessions
- A Committed Learning Management Group

Pedagogy of Programs



Training supervised by instructors- Learn from leading industry professionals
Hackathons- See how actual projects are constructed.
24/7 Technical Assistance- Consult Subject Matter Experts at any moment to get immediate answers to your questions.
Group Learning and Peer Networking- Boost your career network and gain knowledge from colleagues by utilising our cutting-edge Peer Chat feature.
Self-paced videos- With top-notch content, learn at your own pace.
Interactive Training- Participate in group activities to find solutions to practical issues.



Who Can Apply for the Course?

- Those who have pursued B.Com, M.Com, M.Sc., BCA, MCA, B.E., B.Tech, M.Tech, B.Sc., and M.E.
- Students in their final year of college, recent grads, or those just graduating.
- Anyone seeking to move into cloud computing and DevOps as a career.
- Applications are accepted from both technical and non-technical candidates.

PaperLive DevOps Course Application Process

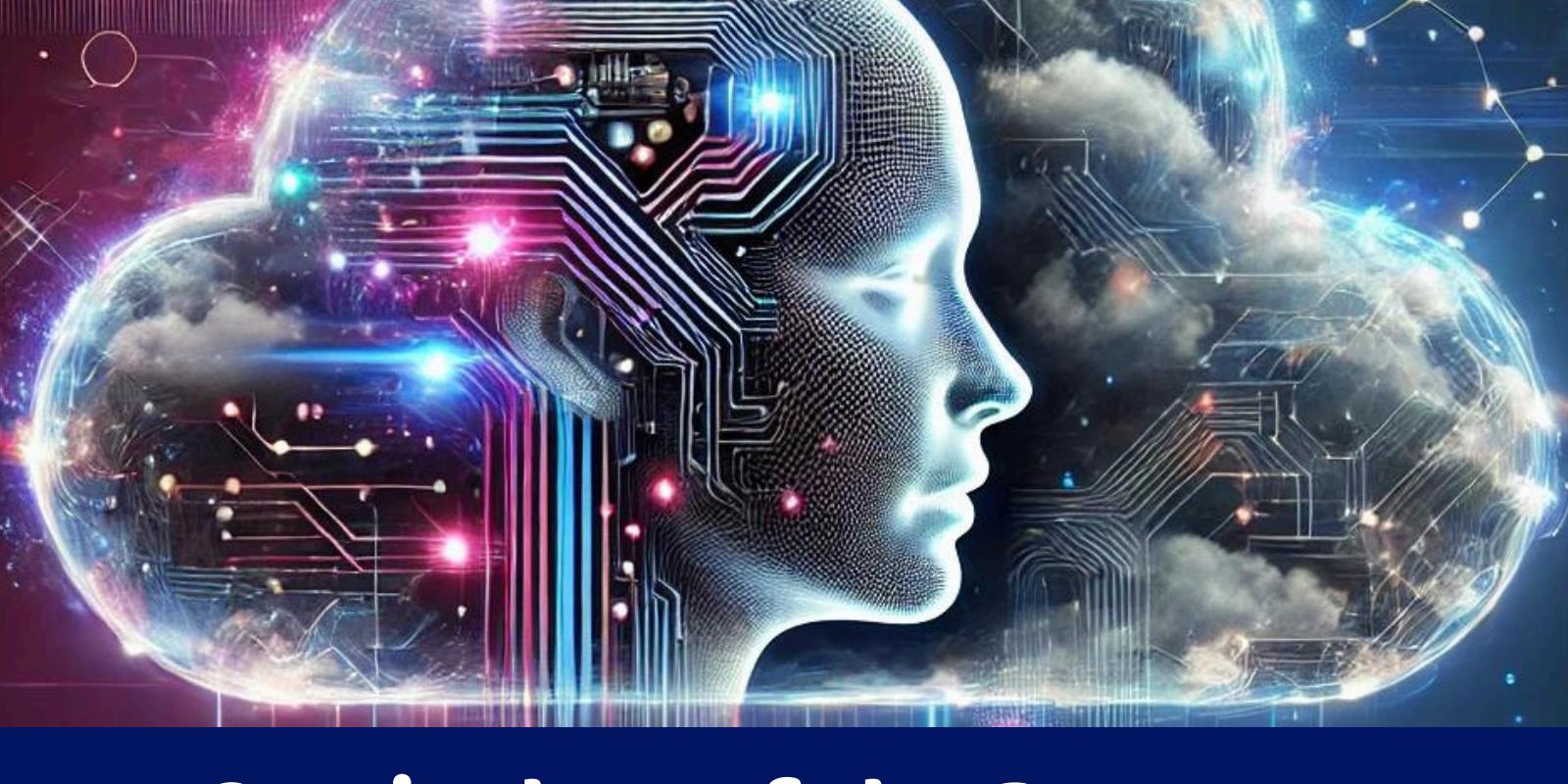
Submit Your Application

- Visit the PaperLive website and navigate to the DevOps and Cloud job ready program course page.
- Fill out the online application form with your personal details, background, and career goals.
- Submit the form to begin the process.

Receive a Call from Our Executive

- Once your application is received, one of our dedicated course executives will reach out to you within 24-48 hours.
- During the call, they will discuss the course details, answer any questions you may have, and ensure the course aligns with your goals.

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Curriculum of the Program



Module 1 - DevOps Specialist:



- Introduction to Cloud Computing
- DevOps Overview
- Fundamentals of Linux Operating System
- Fundamentals of Python scripting
- Version Control System using - Git and GitHub
- Understanding and Using Build Tools
- Continuous Integration Using Jenkins
- Containerization, Docker, and Docker Hub
- Container Orchestration Tool - Kubernetes
- Configuration Automation using Ansible
- Terraform Overview
- Continuous Monitoring using Prometheus and Grafana



Module 2- AWS Cloud – Specialist:



- Introduction to Amazon Web Services
- AWS Compute
- AWS Networking
- AWS Storage
- Databases on AWS
- Monitoring, Load Balancing, and Scaling



Module 3- Microsoft Azure Cloud – Specialist:



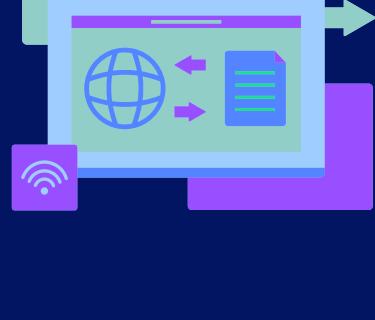
- Describe Azure Cloud concepts
- Describe Azure architecture and services
- Describe Azure compute and networking services
- Describe features and tools in Azure for governance and compliance
- Describe monitoring tools in Azure





Module 4- Google Cloud – Specialist:

- Setting up a cloud solution environment
- Planning and configuring a cloud solution
- Deploying and implementing a cloud solution
- Ensuring successful operation of a cloud solution
- Configuring access and security



Module 5- Artificial Intelligence on Cloud and DevOps – Associate

- AI for Cloud and DevOps
- AI based Cloud Infra-Structure Monitoring and Deployments
- AI based DevOps Process Enablement, Collaboration and Security Management
- Application performance Optimization and Cost Reduction using AI



Tools To Master



Linux



Google Cloud



puppet



Jenkins



ANSIBLE



AWS CloudWatch



Course Projects



Web Development

To create a secure, reliable, usable, and readily available website using AWS. This is implemented using AWS Storage and Internet gateways to process Dynamic User Inputs



Banking

This is to create a secured application deployment on Azure Cloud Platform using Containers



Data Science

Learners can able to use Terraform and Ansible on AWS/Azure/GCP to create highly reliable dynamic infrastructure



Insurance

Deployment of Web Applications in a Dedicated VPCs on AWS/Azure/GCP. With this project, Learners can able to master in using IAC Tools like Terraform and Ansible



Finance

The automation of Backup & Recovery involves, process driven approach. Learner can ably master in defining Backup & Recovery strategies on AWS, Azure, GCP and also in hybrid multi-cloud platform



Travel

Creation of a serverless web application using various AWS services such as API Gateway, and Lambda. These services help in the development of a robust web application that can manage any type of workloads.



Telecom

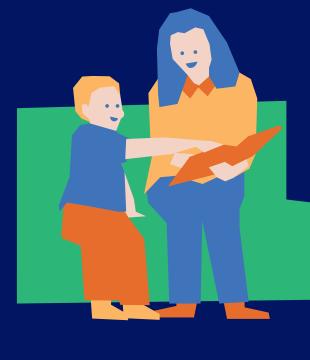
Leaners will be able deploy dynamic web applications and automate the cost optimization, using kubernetes services on AWS/Azure/GCP to deploy highly available and scalable applications



E-Commerce

The project aims to create a highly available production environments using AWS/Azure/GCP Monitoring services with proactive alert management and automated webhooks.

“ FAQ. ”



1. What is the PaperLive Devops and Clouds Job Ready Program Certification?

This is a four-month online program that is both demanding and interesting. It is specifically created for working professionals who wish to accelerate their entry into cloud and DevOps jobs, build a professional network, and gain practical knowledge and skills. IBM is the one who grants the certification.

2. What can I anticipate from the Devops and Cloud job ready program?

Anticipate to complete multiple industry-relevant exercises that are modelled after real-world work environments, enabling you to become a cloud/DevOps expert on par with top industry standards. Through this curriculum, students will develop their technical soundness and learn how to think beyond the box.

3. What kind of educational experience can I anticipate?

This curriculum will combine recorded content on several subjects with live lectures delivered in a boot camp style. A combination of interactive lectures from well-known academics and business executives will make up the curriculum. At least one cloud domain certification is held by each of our industry specialists, and many of them possess several domain certifications. During this course, you can anticipate a lively setting where you will enhance your expertise in the field and grow your professional network.

4. What amount of hours a week is needed of me?

The program schedule is structured to make sure you can work a job and successfully complete your studies. It should be sufficient to dedicate 10–12 hours per week to the program. That being said, the more time you invest, the more you will learn from the curriculum.

5. Which cloud computing platforms does the program cover?

With a multi-cloud approach, the curriculum prepares students for cloud certification examinations and real-world scenarios by covering AWS, Azure, and GCP.

6. At program's conclusion, is there a certification awarded?

You will be qualified to get IBM's Certificate in Devops and Clouds Job Ready Program upon successful completion of the course. In addition, you will be qualified for a PaperLive course completion certificate. Please be aware that finishing this program does not entitle you to an AWS, Azure, or GCP certification. You must pass the relevant exams in order to do that. However, the training we offer will equip you with the knowledge and abilities needed to pass the following exams: Microsoft Certified: Azure Administrator Associate, Microsoft Certified: Azure Fundamentals, and AWS Certified Cloud Practitioner.

7. Is there a curriculum update?

Yes, IBM and industry experts provide comments to enhance the curriculum. The institution reserves the right to alter the curriculum at any time.

8. What does the fee structure cover?

You will have exclusive access to add-on content from AWS and Azure as well as relevant PaperLive information. Please be aware that the cost of the certification examinations is not covered by the program fees.

9. What are the minimal requirements in order to apply for the program?

A bachelor's degree is required for enrolment in the Devops and Clouds Job Ready Program. Prior experience with coding is not required, however it is desirable.

10. If I hold an undergraduate degree other than a B.Tech, B.E, B.Sc., or BCA, may I still apply?

Indeed. We invite you to apply for the program and include information about it if your prior schooling included sufficient computer and mathematical experience.

11. Does someone need to have coded before?

An applicant does not need to have any prior coding skills to enrol in this program.

12. If I am in my final year of an undergraduate degree, may I still apply to the program?

Yes, you are eligible to apply even though you are in your last year of college.

13. How can this course benefit my professional life?

Your career as an AWS/Azure Cloud Infrastructure Engineer, Cloud Operations Engineer, Cloud Network Engineer, Cloud Security Engineer, DevOps Engineer, or Site Reliability Engineer, to mention a few, will be prepared for you by this curriculum, depending on your prior experience. Additionally, the program will assist you with resume criticism, profile development, mentoring, and practice interviews.

14. Following this program, will I be able to get employment?

The cloud computing sector is poised for rapid expansion. Small enterprises in India's healthcare, education, and agriculture sectors are predicted to unlock ₹1.6 trillion annually by 2030—a 152% increase from ₹0.6 trillion—through a successful transition to a cloud-enabled economy. Additionally, we will assist you with getting ready for your ideal job through resume critiques, profile building, mock interviews with cloud/DevOps professionals, and one-on-one career mentoring conversations.

15. What distinguishes the program from other online courses offered by vendors in the market?

Leading professional experts and top IBM instructors collaborated to build the content and learning experience for this program.

The only program that covers the three most widely used cloud platforms as part of the same curriculum is the multi-cloud approach. Every other participant provides one or more platforms as an optional or elective module.

"Mentorships": The only program that provides co-creation of mentored projects with leading product firms such as Flipkart, Uber, and BlinkIt. These contribute to the development of industry-demanding skills.

In addition, the PaperLive Experience makes sure you build a large peer network, relationships with industry instructors, and plenty of career support—all in all, an all-encompassing and immersive online and offline learning experience!

PaperLive Career Services:

Career Oriented Sessions

Plan your professional path by attending more than ten career-oriented sessions led by industry experts.

Profile Development- Create a compelling LinkedIn profile and resume for Cloud Computing and DevOps to get the attention of top employers.

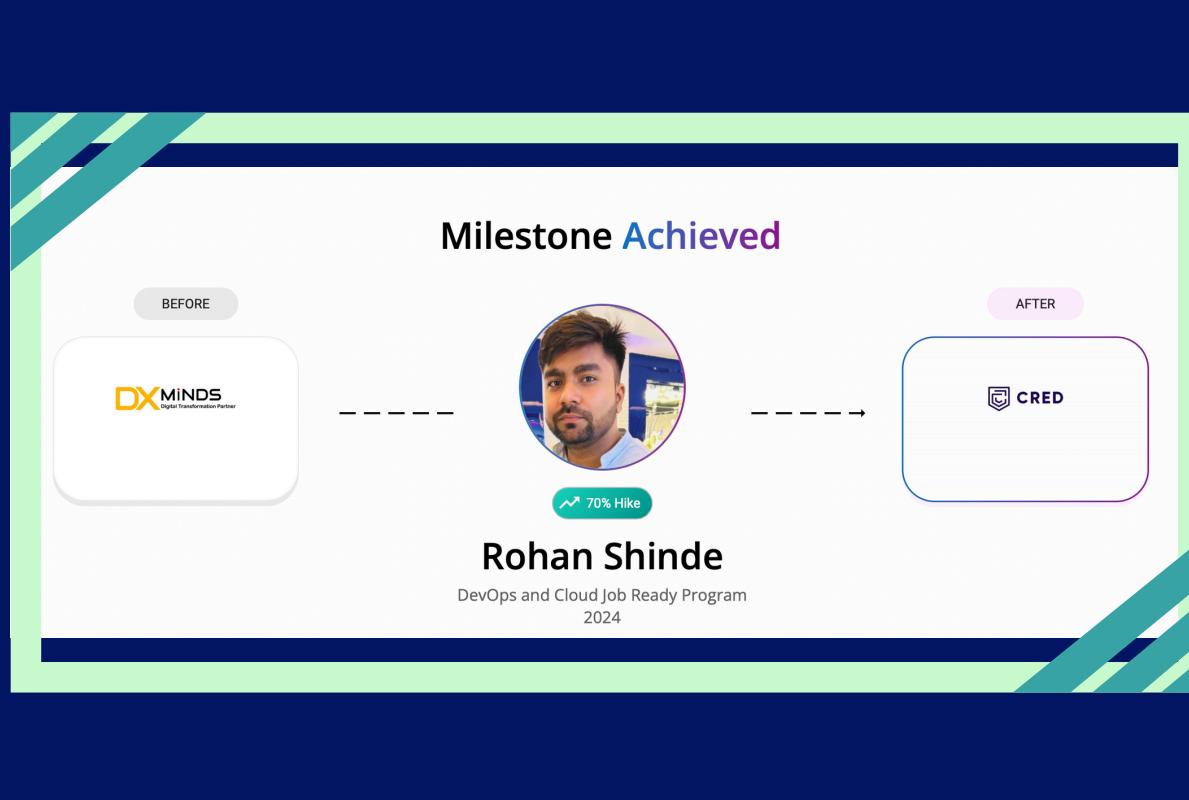
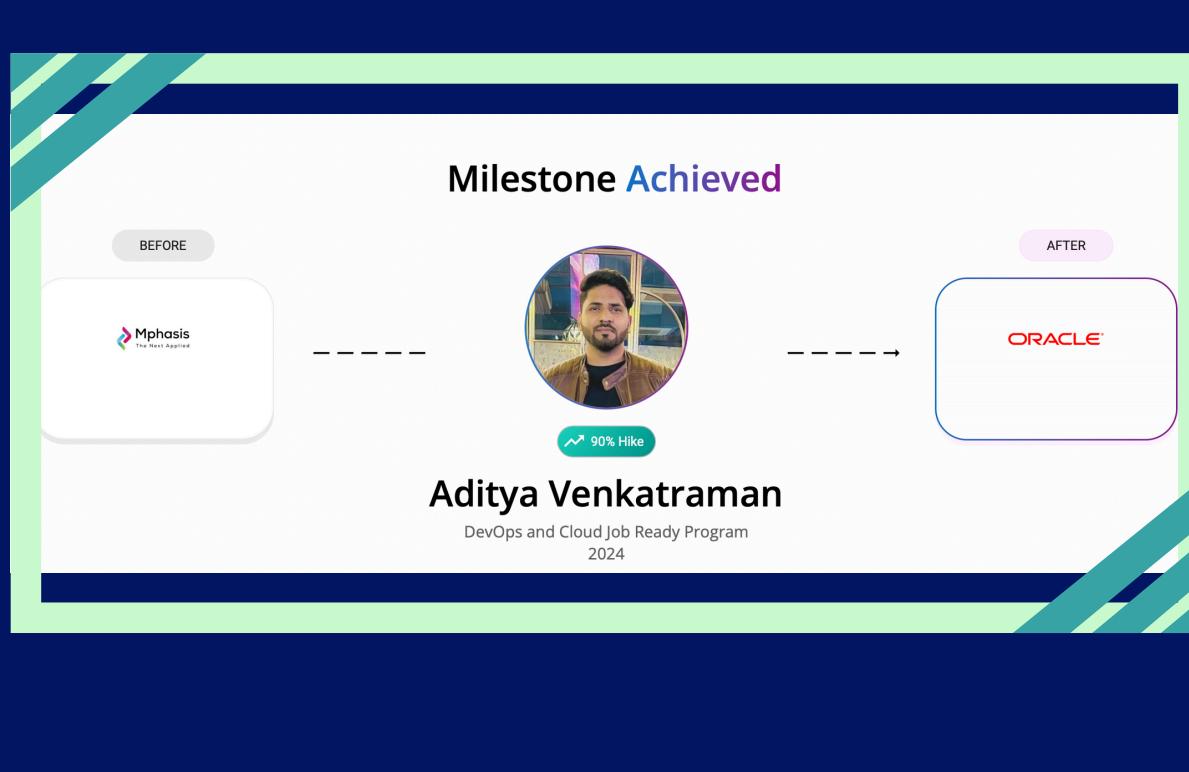
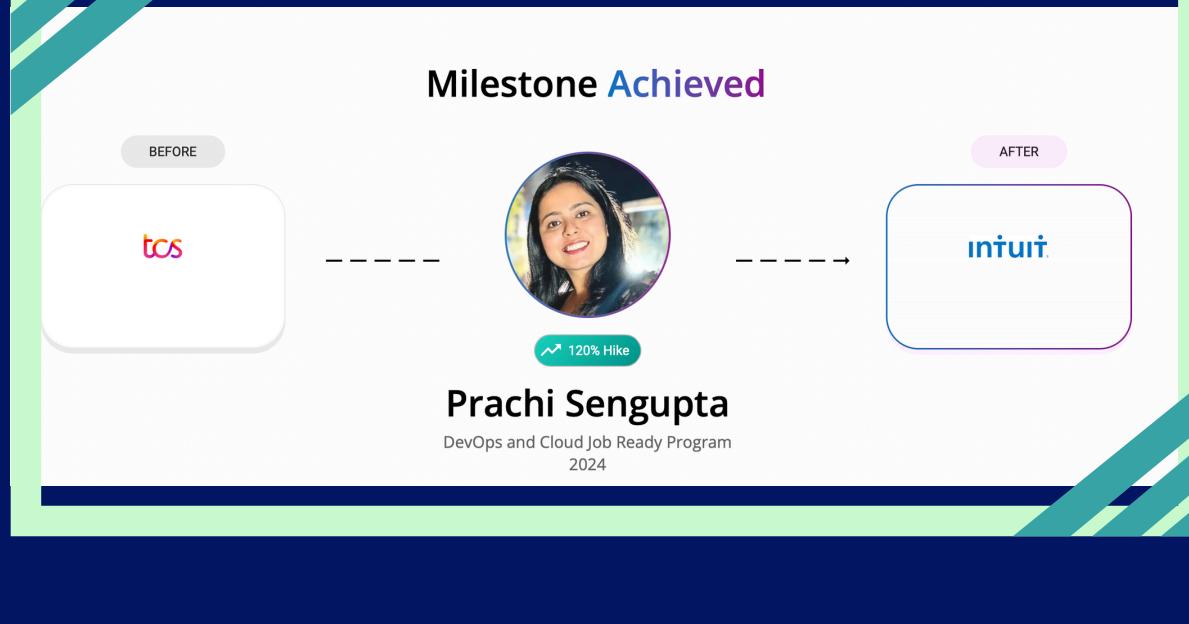
Mock Interview Preparation- Practice with simulated interviews using the most common questions from reputable companies.

One-on-one mentoring sessions- Get one-on-one coaching at every stage of your career shift to DevOps and cloud computing.

Hackathons- Get exclusive access to hackathons by working on terms



A Sneak Peak at Our Smooth Transitions:



Why PaperLive?



- **Expert-Led Training:** PaperLive's DevOps course is taught by industry professionals with deep expertise, ensuring you learn from the best in the field.
- **Hands-On Real-World Experience:** The course focuses on practical, real-world assignments, giving you hands-on experience with the tools and techniques used by top companies.
- **Comprehensive Cloud Platform Coverage:** PaperLive offers training in major cloud platforms like AWS, Azure, and GCP, preparing you for diverse roles in cloud computing and DevOps.
- **Career-Ready Programs:** Our 10/10 rated DevOps and Cloud Job-Ready program is designed to help you stand out in the job market and accelerate your career growth.
- **Affordable Pricing:** PaperLive offers high-quality education at competitive prices, making top-tier DevOps training accessible without breaking the bank.
- **Personalized Support:** With a dedicated support team and personalized guidance from experts, you'll get the help you need throughout the course, ensuring a smooth learning experience.
- **Interactive and Engaging Courses:** The interactive nature of our lessons, combined with real-world projects and group learning, makes learning enjoyable and highly effective.

About Paperlive

PaperLive is a cutting-edge edtech company focused on delivering specialized training in DevOps and cloud technologies. Our courses are designed to provide learners with in-demand skills in leading cloud platforms such as AWS, Azure, and GCP, preparing them for high-growth careers in the tech industry. What sets PaperLive apart is our commitment to hands-on learning, with expert instructors guiding students through real-world projects and practical applications. Our personalized support system ensures that learners get the assistance they need to succeed, whether they're just starting out or looking to upskill. With affordable pricing and a focus on career readiness, PaperLive is dedicated to helping individuals thrive in the rapidly evolving world of cloud and DevOps.

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