

# ProLEAP Internship Program | ProLEAP 6.0

(Learn Excellent, Act Passionate)

Starting form October, 2022

ProLEAP



PdCloudEX Technologies Pvt Ltd.  
Sponsored by



Prodevans Technologies Pvt Ltd.  
Sponsored by



RHA | Red Hat Academy  
associated with

# ABOUT PROLEAP 6.0

**ProLEAP 6.0** is a Flagship Job-oriented Internship driven program that aims to bridge the acute gap between formal education and the industry by supporting organizations in their efforts to groom skillful IT professionals through a virtual platform. India operations are supported by our technology partner - Prodevans Technologies with its registered office in Bangalore. Our Vision is to create equal opportunities for current and aspiring IT professionals through virtual mentoring, thereby providing a global talent pool representing all streams of society for tech recruitment. Our Mission is to provide a world-class virtual cloud-based platform to students and professionals for them to develop critical employable skills through mentor-guided programs, thus helping corporates recruit skilled graduating students from **ProLEAP 6.0**.

[#makingdevOpswork](#)

# WHY PROLEAP 6.0

The technology landscape is changing at a rapid pace. To cope with it is a challenge – but it also presents an opportunity. However rapid the change, most of the mission-critical production applications still run on Unix & Linux Operating systems. Whatever the software, people bringing in good sysops skills with Linux are still required to keep these applications up and running.

The other area that has a massive short supply is Cloud, more so the container technology. What is meant by this is the full stack of all DevOps technologies that make up this ecosystem. Docker, Kubernetes, Infrastructure as a Service, Platform as a Service, CI/CD, and Automation.

# WHAT DO WE DO ?

We enroll freshers who are still in their college and bombard them with industry-grade experience. Over the course of 12 to 16 weeks, the interns will get exposure to on-demand industry tech by professionals themselves. The intensive training followed by a live project enables their confidence along with sound technical awareness. So in short, ProLEAP 6.0 builds them for the industry, not only on a technical ground but also on a cultural level.

#makingdevOpswork



Virtual  
Internship Platform



Expertise in Cross  
Functional Skills



Career  
and Industry Ready

# HOW DO WE DO IT ?

The core of the ProLEAP 6.0 ecosystem is its robust Virtual Internship Platform. It is a digital solution for a digital economy, within the ecosystem and students. The Internship Program with access to our modules. Develops both deep technical expertise and broad cross-functional skills in a team environment through relevant mentor-guided virtual projects, and finally Graduates as well-rounded professional who are career ready.

# LEAP 5.0

## STUDENT FEEDBACK

**"THANK YOU FOR PROVIDING US THIS WONDERFUL EXPERIENCE, IN SUCH A SIMPLE AT THE SAME TIME CHALLENGING MANNER."**

**"I AM VERY GLAD THAT I GOT THIS TYPE OF INDUSTRY-GRADE EXPOSURE FROM THE COMFORT OF MY HOME."**

**"BY THE END OF THIS INTERNSHIP, WE LEARNED A LOT THAN JUST THE TECH-STACK."**

**"WE NEVER EXPECTED US TO GROW THIS MUCH IN SUCH A SHORT SPAN OF TIME."**

**#makingdevOpswork**

From **LEAP 1.0 to 5.0** we believe in breaking records and this year we are back with **ProLEAP 6.0**

## PROLEAP INTERNSHIP PROGRAM MENTORS



**MR. CHANDRAHASA VEMU**

Senior DevOps Engineer at Prodevans Technologies,  
Singapore.



**MR. DEEPAK MISHRA**

CEO, and Founder of Prodevans Technologies, India



**MR. VATSAL THAKUR**

Associate Director, Technical Delivery Prodevans  
Technologies, India

## PROLEAP INTERNSHIP PROGRAM TRAINERS



**MRS. MITALI HOTA**



**MR. ALI NAGHVAL**



**MR. ANKUSH SARKAR**



**MR. PRAVEEN J**



**MR. BISWAJEET PANDA**

# PROLEAP PROGRAM

## Integration of 10+ Technologies

1. Red Hat Certified System Administrator
2. Red Hat Certified OpenStack Administrator
3. Red Hat Certified OpenShift Administrator
4. Red Hat Certified Kubernetes Administrator
5. DataBase : MongoDB/MySQL/Redis
6. Networking and Security
7. Applied ML : Python(GUI & OOP), Data Preprocessing, Data Cleaning
8. Programming Language : Python (Basic Till Advance) Full Stack Development
9. DevOps
10. Operating System: Redhat Linux / Ubuntu Linux.
11. TroubleShooting



OPENSHIFT

Microsoft  
Azure

ubuntu MySQL



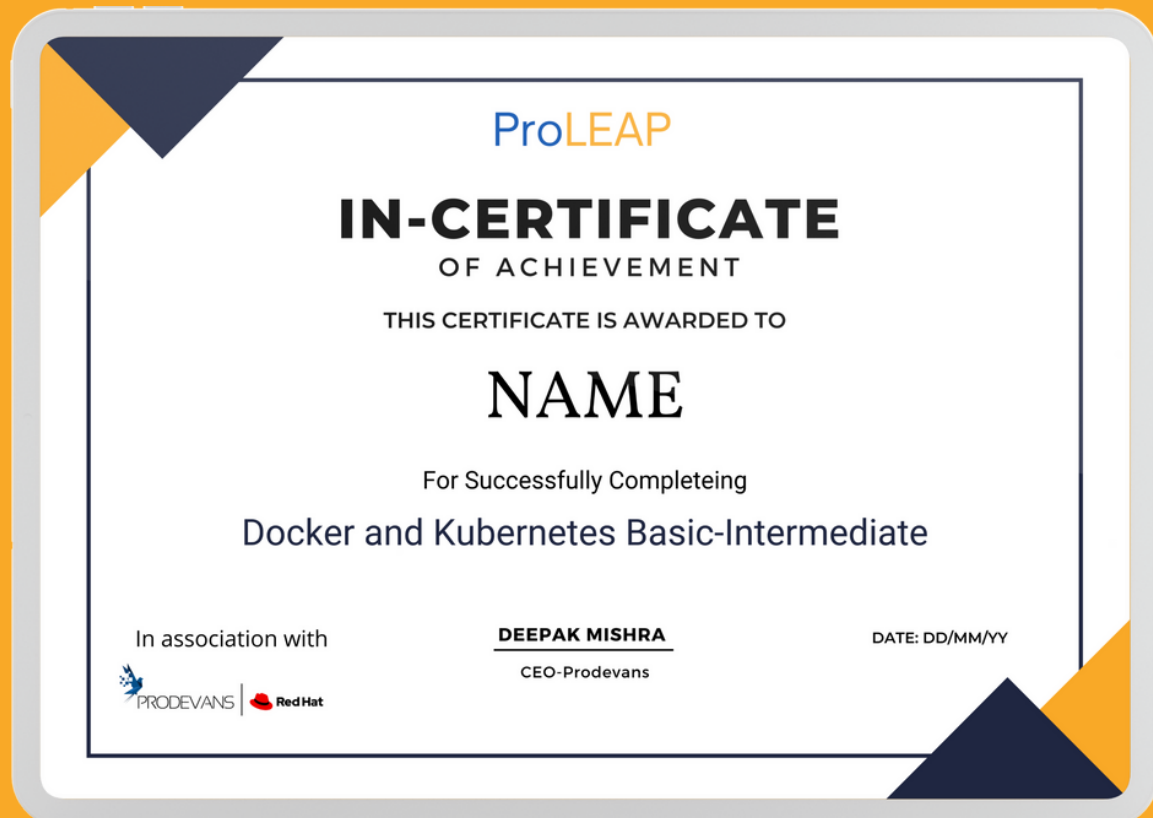
<p><b>Getting started with Virtualization</b></p> <ul style="list-style-type: none"> <li>a. Creating and Configuring VMs using VMware/Virtual Box.             <ul style="list-style-type: none"> <li>1. Creation of VMs from ISO image.</li> </ul> </li> <li>b. Network and Storage Configuration             <ul style="list-style-type: none"> <li>1. Connectivity for Connected as well as Disconnected VMs.</li> <li>2. Assessment Project.</li> </ul> </li> </ul>	<p><b>Getting started with Docker</b></p> <ul style="list-style-type: none"> <li>a. Introduction to Docker</li> <li>b. Virtualization vs Containerization</li> <li>c. Installation of Docker on Windows, Linux, and EC2 Instances.</li> <li>d. Docker Architecture and Docker Registry</li> <li>e. Docker CLI and Dockerfile</li> </ul>
<p><b>Red Hat Linux System Administrator</b></p> <ol style="list-style-type: none"> <li>1. Get started with Red Hat Enterprise Linux</li> <li>2. Access the command line</li> <li>3. Manage files from the command line</li> <li>4. Get help in Red Hat Enterprise Linux</li> <li>5. Create, view, and edit text files</li> <li>6. Manage local users and groups</li> <li>7. Control access to files</li> <li>8. Monitor and manage Linux processes</li> <li>9. Control services and daemons</li> <li>10. Configure and secure SSH</li> <li>11. Analyze and store logs</li> <li>12. Manage networking</li> <li>13. Archive and transfer files</li> <li>14. Install and update software</li> <li>15. Access Linux files systems</li> <li>16. Assessment Project</li> </ol>	<p><b>Getting started with AWS</b></p> <ul style="list-style-type: none"> <li>a. Roles and Users             <ol style="list-style-type: none"> <li>1. Creation of Roles</li> <li>2. Creation of Users</li> <li>3. Management of Roles and Users</li> </ol> </li> <li>b. EC2 Instance, S3, LAMBDA (and basic related services)             <ol style="list-style-type: none"> <li>1. Launching an EC2 instance</li> <li>2. Working with S3</li> <li>3. Simple Lambda UC</li> <li>4. Assessment Project</li> </ol> </li> </ul>
<p><b>Getting Started with Python</b></p> <ul style="list-style-type: none"> <li>a. Basic Programming</li> <li>b. Database Management</li> <li>c. GUI via Tkinter</li> <li>d. Assessment Project</li> </ul>	<p><b>Getting started with Kubernetes</b></p> <ul style="list-style-type: none"> <li>a. Introduction to Kubernetes</li> <li>b. Kubernetes Features and Architecture</li> <li>c. Installation Process.</li> </ul>
<p><b>RedHat Ansible Automation</b></p> <ol style="list-style-type: none"> <li>1. Introduce Ansible</li> <li>2. Deploy Ansible</li> <li>3. Implement playbooks</li> <li>4. Manage variables and facts</li> <li>5. Implement task control</li> <li>6. Deploy files to managed hosts</li> <li>7. Manage large projects</li> <li>8. Simplify playbooks with roles</li> <li>9. Troubleshoot Ansible</li> </ol>	<p><b>Getting Starting with Java</b></p> <ul style="list-style-type: none"> <li>a. Introduction</li> <li>b. The Java Environment</li> <li>c. Basic language elements</li> <li>d. Object Oriented Programming</li> <li>e. Extended Classes &amp; Inheritance</li> <li>f. Package</li> <li>h. Exception Handeling</li> <li>i. Arrays and String</li> </ul>

Topics	sessions	Hours
Getting started with Virtualization	5	10
Red Hat Linux System Administrator	10	20
RedHat Ansible Automation	10	20
Getting Started with Python	10	20
Getting started with Java	10	20
Getting started with AWS	10	20
Getting started with Docker	5	10
Getting started with Kubernetes	5	10
Live Project	10	20
Project Assessment	-	50





**4 In-Certificates of Completion + 1 Certificate of Achievement**



**Additionally, Based On The Assessment In-Between Projects, They Stand A Chance Of Internship Offer Followed By Job Offer**



EDU BUSINESS NEWS

## Prodevans Technologies Launch A New Internship Platform Called LEAP To Provide Opportunities For Young IT Graduates

By India Education Diary ... — On Nov 6, 2020



New Delhi: At a time of soaring unemployment Prodevans Technologies; a leading technology solution provider specializing in end-to-end DevOps today announces the launch of their unique and collaborative internship program 'LEAP' that will enable young graduates from small town(tier 3 or 4) to work on projects like PDCloudEX and IVentura.

LEAP is an online / virtual internship program and is the only research-based internship program in India. It is designed by COSS INDIA, in association with education partners Red Hat Academy, Red Hat Global Learning Services and technology partner Prodevans Technologies. The duration of the program is max for 8 weeks (of 45 working days), however, it can also be customized according to the college's requirement. The interns will spend 4 hours a day which will consist of 2 hours of training and 2 hours of project work.

Commenting on the internship opportunity Deepak Mishra – Founder & CEO of Prodevans Technologies stated; "We as an organization is already facing skill gap as there is massive technological advancement and we need a constant supply of young talent to keep pace with the changes. This platform will help us find out the right set of skill set and also empower the graduates to have employment."

The technological landscape is evolving so rapidly that people have to keep up with the changes. As most of the critical production applications still runs on UNIX & Linux Operating Systems, which makes the individual with good sys ops skills and Linux in demand. Technologies are driving the business and organization needs to be competitive as they have to deploy changes faster and have to deal with lots of data to monitor their systems. Prodevans has invested in high-quality human resources to start this internship program, as there is a severe shortage of skilled personnel across the tech landscape and with this integrated program, the young IT graduates will not only get exposure of these technologies but will also get industry-ready.

At Prodevans Technologies they spend almost a year to hone the skills of young IT graduates before they become industry ready. The Interns would be working on a LIVE Project in collaboration with our Core Development team and get exposure to the industry even before they complete their education. The exposure they get by working on live projects, the customer interactions they have, the soft skills they develop – all prepare them to be ready to join the industry and more importantly help them become productive.

# MEDIA PRESS COVERAGE

## Providing Opportunities For Young IT Graduates

**Unleashing** the best individual in **YOU**  
**ProLEAP** Internship Program is Live



# KEY PARTNERS



SCAN

TO SHOW YOUR  
EXPRESSION OF INTEREST



**ELIGIBILITY:** Students pursuing any technical degree in INDIA namely BTech, BE, MCA, BCA, or BSc in IT (from any stream)

**Outcome :Project (Internship):** Certificate from COSSINDA and Prodevans Technologies Pvt Ltd RedHat global certificate : (Only for the ones who choose the Global certification option)

# CONTACT US FOR INQUIRIES

## MAILING ADDRESS

Building # 389 , First Floor, 8th Main,  
7th Cross Rd, Mico Layout, BTM 2nd  
Stage, Bengaluru, Karnataka 560076

## WEBSITE

[proleapacademy.com](http://proleapacademy.com)

## EMAIL ADDRESS

[care@proleapacademy.com](mailto:care@proleapacademy.com)

## PHONE NUMBER

+91 9040632014 | Dinesh Behera  
+91 6304553457 | A Sudharani Patra



## **(Must Do List)**

1. All must join the Discord Server. (No Exceptions)
2. Attendance of 80% is compulsory. (Exceptions will be accepted over a mail to [leap.academy.care@gmail.com])
3. Assignments must be submitted on time. (Exceptions will be accepted over a mail to [leap.academy.care@gmail.com]) )
4. All must fill out the Data Collection Form at the earliest for classroom access. (Exceptions will be accepted over a mail to [leap.academy.care@gmail.com])
5. Recordings will only be provided if you have a mail defining your absence.
6. No discussions on Tribe Allocation will be entertained, once allocated, it is absolute.

## **(Optional, But Recommended Best Practices)**

1. Keep distractions during sessions to a minimum.
2. Active Participation during sessions, not taking doubts to the next day.
3. Maintain a GitHub account during Live Project at the earliest, for active project collaboration.
4. Never take any assignments lightly and it must be hands-on.
5. Maintaining a Daily Journal, will come in handy during Internship Report Submission at College Level, or Simply GitHub
6. Weekly LinkedIn Posts, Tagging the Trainer, and ProLEAP Academy, Sharing Your Experience and Achievements.