



Learn, Create & Succeed with us

# DEVOPS AND CLOUD COMPUTING

## COURSE



# INTRODUCING PW SKILLS

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The PW Skill Up program offers comprehensive upskilling opportunities for students seeking cloud computing and DevOps platforms. Through engaging coursework and hands-on training modules, students will gain proficiency in key concepts, tools, and best practices essential for success in the rapidly evolving fields of cloud computing and DevOps. With expert guidance and practical experience, the PW Skill Up program empowers students to become proficient cloud computing and DevOps professionals, ready to make an impact in the digital landscape.

PW Skills has empowered **over 3.5 lakh learners till date.**

## COURSE DESCRIPTION

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Discover the transformative potential of DevOps with our advanced DevOps and Cloud Computing Course! Dive deep into the world of continuous integration, deployment, and delivery as you master essential tools like Docker, Kubernetes, and Jenkins. You'll develop expertise in infrastructure as code using Terraform, configuration management with Ansible, and monitoring with Prometheus and Grafana.

***The journey starts here!.....***



# COURSE DESCRIPTION

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## Module 1

- Preparatory Session – Linux
- Linux Preparatory
- Introduction to Linux
- Linux Basics

## Module 2

- Python
- Introduction to Python and IDEs
- Python Basics
- Object Oriented Programming

## Module 3

- AWS Solutions Architect
- Introduction to Cloud Computing & AWS
- Elastic Compute and Storage Volumes
- Autoscaling and DNS
- Simple Storage Service (S3)
- Database Services
- Access Management and Monitoring Services
- Automation and Configuration management
- AWS Migration

## Module 4

- DevOps
- Infrastructure Setup Introduction to DevOps
- Version Control with Git
- Containerization Using Docker
- Configuration Management using Ansible
- Continuous Integration with Jenkins
- Continuous Orchestration Using Kubernetes
- Continuous Monitoring using Prometheus and Grafana
- Terraform Modules & Workspaces

# TOOLS TO COVER

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jupyter



Linux



ANSIBLE



docker



Jenkins



Grafana



Prometheus



kubernetes



git



GitHub

# CERTIFICATION

Receive a certificate of completion upon successfully completing this course!



# OUR FACULTY AND INDUSTRY EXPERTS

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**Vishwa Mohan**

CIO - PW

*Ex - LinkedIn, Oracle,  
Walmart Labs, Paypal*



**Sanket Singh**

SWE II at Google Pay

*Ex - LinkedIn*

# PROUDLY BUILDING CAREERS!

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Where Our Alumni Shine Bright



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# SUPPORT SYSTEMS

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Weekly Revision Session

Dashboard doubts

Telegram Channel Support

**SUPPORT SYSTEMS**

# ELIGIBILITY & ADMISSION

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- Anyone with Basic programming understanding.
- College students who have recently started or IT professionals are encouraged to apply.
- This program is suitable for fresh graduates and working IT professionals with some relevant work experience and programming understanding.



## Program Fee

INR 20,000 (including GST)



## Program Duration

6 months



## Delivery Format

Blended(Live+Recorded)



**Contact Us  
& Enrol now**

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