



類別



搜尋任何事物

Udemy Business

在 Udemy 上教學

我的學習



JN

IT 與軟體

其他 IT 與軟體

DevOps

DevOps Beginners to Advanced with Projects - 2023

Begin DevOps Career As an Absolute Beginner | Linux, AWS, Scripting, Jenkins, Ansible, Docker, K8s, Projects & ChatGPT

暢銷課程 **4.6** ★★★★★ (18991 個評等) 117,378 位學生

建立者：[Imran Teli](#)

最近更新日期：10/2023

英語

簡體中文 [自動], 英語 [自動], 尚有 [17 種語言](#)

您會學到

- ✓ Learn DevOps from total scratch
- ✓ Understand how various technologies work together in DevOps
- ✓ Linux, AWS, Bash & Python Scripting, Jenkins, Ansible, Docker, Kubernetes, Cloudformation, Terraform & More
- ✓ Get a firm understanding in DevOps Processes, Tools & Technologies

頂級公司為他們的員工提供這門課程

本課程已選入最受好評的課程收藏，並且受到全球企業信賴。 [瞭解更多](#)



課程內容





























28 個章節 • 308 堂講座 • 總長度：52 小時 44 分

































[收起所有章節](#)

^ Introduction

7 堂講座 • 34 分鐘

- [About this course](#) [預覽](#) 02:11
- Introduction 01:59
- [What is DevOps?](#) [預覽](#) 15:13
- Q & A 01:30
- [What is Continuous Integration?](#) [預覽](#) 07:30
- [What is Continuous Delivery?](#) [預覽](#) 05:11
- DevOps Quiz 3 個問題





















	Course Material	00:20
^ Prerequisites Info & Setup		8 堂講座 • 58 分鐘
	Tools Prerequisite Information	04:30
	Chocolatey for Windows	03:45
	Homebrew for MacOS	02:45
	Installing Softwares	08:02
	Tools Prerequisites for Ubuntu 20	00:22
	Signups	08:05
	AWS Setup	30:14
	Outro	00:25
^ VM Setup		7 堂講座 • 1 小時 29 分鐘
	Welcome to virtualization	01:28
	What is Virtualization	08:39
	Introduction	預覽 04:37
	VM-Manually(Windows & MacOS Intel chip)	27:03
	VM-Automatically(Windows & MacOS Intel chip)	預覽 27:14
	VM on MacOS M1 chip	19:28
	Vagrant & Virtualbox	3 個問題
	Outro	00:28
^ Linux		17 堂講座 • 3 小時 6 分鐘
	Introduction to Linux	19:32
	Linux Intro questions	5 個問題
	Commands and File systems	10:32
	Test Basic Command in Linux	3 個問題
	More Commands (mkdir, cp, mv, touch etc)	12:39
	Vim editor	12:56
	Test vim editor	3 個問題
	File Types	10:53
	Test File types	2 個問題
	Filters	21:14
	Test filters command	3 個問題

 Redirections	14:01
 Test Redirection	5 個問題
 Users and Groups	13:51
 Test Users & Group	5 個問題
 File permissions	14:07
 Test File Permissions	3 個問題
 Sudo	09:05
 Sudo quiz	3 個問題
 Package Management	14:37
 Package Management Quiz	4 個問題
 Services	05:20
 Services Quiz	2 個問題
 Processes	10:12
 Processes quiz	3 個問題
 Archiving	05:49
 Ubuntu commands	10:28
 Linux OS Quiz	3 個問題
 Linux Commands	00:00
 Outro	00:30
<hr/>	
 Vagrant & Linux Servers	9 堂講座 • 1 小時 33 分鐘
<hr/>	
 Vagrant-vms	00:03
 Vagrant IP, RAM & CPU	12:39
 Vagrant Sync Directories	06:31
 Provisioning	08:27
 Website Setup	14:33
 Wordpress Setup	20:39
 Automate Website setup	08:13
 Automate Wordpress Setup	06:45
 Multi VM Vagrant file	14:43
 IAC Quiz	2 個問題
<hr/>	
 Variables, JSON & YAML	3 堂講座 • 32 分鐘
<hr/>	
 Introduction	02:08

▶ Variables & Python DS	17:37
▶ JSON & YAML	11:55
^ VProfile Project Setup Manual & Automated 10 堂講座 • 1 小時 22 分鐘	
▶ Welcome to the Project	00:47
▶ Introduction	13:33
▶ VM Setup	11:09
▶ DB, Cache & Queue Setup	16:48
▶ App setup	17:37
▶ Nginx Setup	05:32
▶ Validate	04:51
▶ Automated - Introduction	00:49
▶ Automated - Code	04:50
▶ Automated - Execution	預覽 05:54
🔊 Vprofile Project quiz	3 個問題
^ Networking 4 堂講座 • 54 分鐘	
▶ ISO	15:48
▶ Understanding Networks & IP	15:09
▶ Protocols, ports etc	08:28
▶ Networking Commands	14:48
🔊 Networking Quiz	7 個問題
^ Introducing Containers 6 堂講座 • 49 分鐘	
▶ What are containers	06:22
🔊 Container Quiz	2 個問題
▶ What is Docker	03:24
🔊 Docker Intro Quiz	3 個問題
▶ Hands on Docker Containers	11:24
🔊 Docker Quiz	4 個問題
▶ Vprofile Project on Containers	10:33
▶ Microservices	08:00
▶ Microservice Project	08:50


^ Bash Scripting

22 堂講座 • 1 小時 55 分鐘

	Bash Scripts	00:01
	Introduction	預覽 03:45
	VM Setup	02:32
	First Script	06:41
	Sample Script	07:11
	ChatGPT	02:47
	Variables	06:03
	Variables Quiz	3 個問題
	Command line arguments	06:37
	System Variables	01:45
	Arguments Quiz	3 個問題
	Quotes	03:26
	Command Substitution	04:11
	Quote quiz	3 個問題
	Exporting Variables	07:55
	Variable Quiz	2 個問題
	User Input	03:13
	Decision Making part1	05:11
	Decision Making part2	04:19
	Conditions Quiz	1 個問題
	Monitoring Script	10:56
	Loops	04:30
	For loop quiz	3 個問題
	While Loops	05:04
	Remote Command Execution	09:07
	SSH Key Exchange	03:29
	Finale Part1	08:14
	Finale Part2	07:50

^ AWS Part -1

18 堂講座 • 4 小時 17 分鐘

	What is Cloud Computing	05:06
	Introduction	11:18
	Ec2 Introduction	05:25

	Ec2 Quick Start		18:22
	More In Ec2 Part1		15:38
	More in Ec2 Part2		09:31
	AWS CLI		13:29
	EBS		20:55
	EBS Snapshots		15:53
	ELB Introduction		05:44
	ELB Hands On		20:42
	Cloudwatch Introduction		05:11
	Cloudwatch Hands On		13:33
	EFS	預覽	15:11
	Autoscaling Group Introduction		03:50
	Autoscaling Group Hands On		18:34
	S3		34:06
	RDS		24:25
^	AWS Cloud For Project Set Up Lift & Shift		7 堂講座 • 1 小時 34 分鐘
	Introduction		10:34
	Security Group & Keypairs		11:40
	EC2 Instances		24:52
	Build and Deploy Artifacts		15:46
	Load Balancer & DNS		13:26
	Autoscaling Group		14:22
	Validate & Summarize	預覽	02:59
^	Re-Architecting Web App on AWS Cloud [PAAS & SAAS]		11 堂講座 • 1 小時 45 分鐘
	Introduction	預覽	12:51
	Security Group And Keypairs		02:44
	RDS		12:20
	Elastic Cache		04:18
	Amazon MQ		03:54
	DB Initialization		08:06
	Beanstalk		23:20
	Update on Security Group & ELB		11:02

▶ Build & Deploy Artifact	16:04
▶ Cloud front	04:54
▶ Validate and Summarize	05:35
^ GIT 6 堂講座 • 1 小時	
▶ Introduction	16:34
▶ Versioning	18:03
▶ Branches & More	12:07
▶ Rollback	09:04
▶ Git Ssh Login	預覽 04:18
□ Git Commands	00:00
^ Maven 2 堂講座 • 30 分鐘	
▶ Introduction	08:39
▶ Maven Hands-on	21:22
^ Continuous Integration with Jenkins 30 堂講座 • 5 小時 3 分鐘	
▶ Introduction	06:48
▶ Installation	13:54
▶ Freestyle Vs Pipeline As A Code	02:28
▶ Installing tools in Jenkins	07:42
▶ First Job	08:38
▶ First Build Job	18:06
▶ Plugins, Versioning & more	16:59
▶ Flow of Continuous Integration Pipeline	04:41
▶ Steps for Continuous Integration Pipeline	01:52
▶ Jenkins, Nexus & Sonarqube Setup	15:18
▶ Plugins for CI	01:56
▶ Pipeline As A Code Introduction	22:57
▶ Code Analysis	07:21
▶ Code Analysis Demonstration	15:12
▶ Quality Gates	06:45
▶ Software Repositories Intro (Nexus)	05:23
▶ Nexus PAAC Demo	11:14

▶ Notification, Slack	14:47
▶ CI for Docker Intro	01:55
▶ Docker PAAC Prereqs info	09:41
▶ Docker PAAC Demo	14:12
▶ Docker CICD Intro	04:24
▶ Docker CICD Code	02:15
▶ AWS ECS Setup	17:29
▶ Docker CICD Demonstration	05:00
▶ Cleanup	01:25
▶ Build Triggers Intro	14:10
▶ Build Triggers Demo	17:40
▶ Jenkins Master and Slave	18:29
▶ Authentication & Authorization	13:55

^ Python

18 堂講座 • 3 小時 41 分鐘

▶ Introduction	10:49
▶ Python on Linux, Versions & Indentation	09:46
▶ Quotes and Comments	04:17
▶ Variables	14:39
▶ Print Format	預覽 05:17
▶ Slicing	15:42
▶ Operators	16:33
▶ Conditions	15:12
▶ Loops	13:33
▶ Break & Continue	12:23
▶ Built-in Functions or Methods	16:55
▶ Functions part-1	17:24
▶ Functions part-2	10:49
▶ Modules	預覽 06:37
▶ OS Tasks	19:33
▶ Python Fabric	31:24
📄 Pyscripts	00:00
📄 Python Scripts	00:00

^ Ansible





























19 堂講座 • 4 小時 21 分鐘

▶ Introduction	15:37
▶ Setup Ansible & Infra	11:15
▶ Inventory & Ping Module	14:15
▶ Inventory Part 2	10:52
▶ YAML & JSON	09:03
▶ Ad Hoc Commands	11:51
▶ Playbook & Modules	20:56
▶ Modules - Find, Use, Troubleshoot & Repeat	20:00
▶ Ansible Configuration	11:07
▶ Variables & Debug	13:36
▶ Group & Host Variables	14:58
▶ Fact Variables	10:44
▶ Decision Making	11:47
▶ Loops	06:28
▶ File, copy & template modules	19:34
▶ Handlers	預覽 07:27
▶ Roles	30:57
▶ Ansible for AWS	20:27
📄 Vprofile code	00:00

^ AWS Part-2






17 堂講座 • 2 小時 14 分鐘

▶ VPC Introduction	27:50
▶ VPC Design & Components	08:34
▶ VPC Setup Details	04:29
▶ Default VPC	06:51
▶ Create VPC	06:19
▶ Subnets	03:27
▶ Internet Gateway	01:44
▶ Route Tables	04:28
▶ NAT Gateway	05:40
▶ Bastion Host	09:06
▶ Website in VPC	14:10
▶ Peering	10:31
▶ Ec2 Logs	30:34
📄 Links	00:00

 buildspec	00:00
 Links	00:00
 S3 policy	00:00
<hr/>	
^ AWS CI / CD Project 6 堂講座 • 1 小時 15 分鐘	
<hr/>	
 Introduction 預覽	02:22
 Beanstalk	16:51
 RDS & App Setup on Beanstalk	14:52
 Code Commit	16:06
 Code build	14:10
 Build, Deploy & Code Pipeline	11:03
<hr/>	
^ Docker 9 堂講座 • 2 小時 8 分鐘	
<hr/>	
 Introduction	18:52
 Docker Setup	09:09
 Docker commands & concepts	22:23
 Docker Logs	08:00
 Docker volumes	17:08
 Building images	20:53
 Entrypoint and CMD	06:50
 Docker Compose	14:59
 Multi Stage Dockerfile	09:41
<hr/>	
^ Containerization 13 堂講座 • 2 小時 4 分鐘	
<hr/>	
 Introduction	09:58
 Overview of Base Image	11:16
 Dockerhub Setup	03:17
 Setup Docker Engine	07:30
 Dockerhub & Dockerfile References	11:29
 App Image Dockerfile	10:28
 DB Image Dockerfile	04:00
 Web Image Dockerfile	03:43
 Docker Compose	12:17
 Build and Run	10:43

▶ Summarize		05:35
▶ Containerizing Microservice Project		21:46
▶ Build & Run Microservice App		12:19
^ Kubernetes		23 堂講座 • 3 小時 59 分鐘
▶ Introduction		22:39
▶ Minikube for K8s Setup		09:13
▶ Kops for K8s Setup		23:15
▶ Objects and Documentation	▼	05:19
▶ Kube Config		10:04
▶ Namespace		07:32
▶ Pods		15:05
▶ Different levels of Logging		08:34
▶ Service		21:04
▶ Replica Set		11:00
▶ Deployment		12:20
▶ Command and Arguments		06:58
▶ Volumes		08:38
▶ Config Map		14:30
▶ Secret		12:28
▶ Ingress		19:17
▶ Kubectl CLI & Cheatsheet		11:53
▶ Extras		12:51
▶ Lens		06:44
📄 vproapppod		00:00
📄 vproapp-nodeport		00:00
📄 vproapp-loadbalancer		00:01
📄 vproapp-repl-controller		00:01
^ App Deployment on Kubernetes Cluster		12 堂講座 • 53 分鐘
▶ Introduction	預覽	05:10
▶ Spin K8s Cluster	預覽	03:10
▶ Volume Prerqs for DB POD	預覽	02:31
▶ Source Code Overview		03:08

▶ Kube secret for passwords	04:21
▶ DB Deployment Definition	13:45
▶ DB Service Definition	02:13
▶ Memcached Deployment & Service	02:14
▶ RabbitMQ Deployment & Service	02:54
▶ Tomcat Deployment, Service & Init containers	05:56
▶ Provision Stack on K8s Cluster	03:07
▶ URL for Website & Wrap up	04:02
<div> ^ Terraform Tutorial 7 堂講座 • 2 小時 3 分鐘 </div>	
▶ Introduction and Exercise 1	24:47
▶ Exercise 2 - Variables	12:26
▶ Exercise 3 - Provisioners	24:51
▶ Exercise 4 - Output	05:03
▶ Exercise 5 - Backend	預覽 04:45
▶ Exercise 6 - Multi Resource	26:04
▶ AWS Elastic Kubernetes Service	25:16
<div> ^ CI/CD for Docker Kubernetes Using Jenkins 6 堂講座 • 1 小時 14 分鐘 </div>	
▶ CI/CD Introduction	09:45
▶ Jenkins, Sonar & Docker Integration	12:48
▶ Plugins, Kubernetes Cluster & Helm	07:24
▶ Helm Charts & git repo Setup	11:48
▶ Writing Pipeline Code	20:20
▶ Execution, troubleshooting & Summarizing	11:54
<div> ^ CloudFormation Tutorial 10 堂講座 • 1 小時 27 分鐘 </div>	
▶ Introduction	10:32
▶ First Example	09:43
▶ Intrinsic Function	預覽 04:25
▶ Change Set	06:17
▶ More Intrinsic Functions	06:07
▶ Multiple Resources	08:01
▶ Mappings And Pseudo Parameters	08:16

 Parameters	11:21	
 Outputs	06:46	
 Init	15:31	
<div> Conclusion</div>		1 堂講座 • 6 分鐘
 Resumes	06:00	

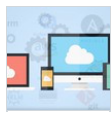
要求

- Basic Computer Knowledge

說明

顯示更多 

學生也購買了



DevOps Projects | 20 Real Time DevOps Projects

總計 37.5 小時 · 更新日期 2023/11

4.5 ★

34,415

US\$59.99



AWS Certified DevOps Engineer Professional 2023 - DOP-C02

暢銷課程 總計 18 小時 · 更新日期 2023/10

4.7 ★

118,504

US\$94.99



The Ultimate DevOps Bootcamp - 2023

總計 17.5 小時 · 更新日期 2023/11

4.6 ★

22,439

US\$64.99



Learn DevOps: Docker, Kubernetes, Terraform and Azure DevOps

總計 21.5 小時 · 更新日期 2023/5

4.5 ★

124,421

US\$64.99



DevOps, CI/CD(Continuous Integration/Delivery for Beginners

總計 1 小時 · 更新日期 2022/11

4.4 ★

92,501

US\$34.99



Jenkins, From Zero To Hero: Become a DevOps Jenkins Master

暢銷課程 總計 10.5 小時 · 更新日期 2020/5

4.4 ★

127,202

US\$54.99



顯示更多

經營一個團隊

DevOps Beginners to Advanced with Projects - 2023

暢銷課程 4.6 ★ (18991 個評等) 117378 位學生



Imran Teli

4.6 ★★★★★ (18,991)

暢銷課程

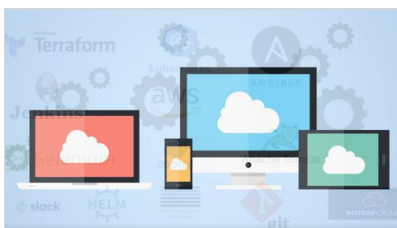


DevOps Project 1 - CI/CD with Git Jenkins Ansible Kubernetes

US\$49.99

AR Shankar | Valaxy Technologies

4.5 ★★★★★ (15,629)



DevOps Projects | 20 Real Time DevOps Projects

US\$59.99

Imran Teli

4.5 ★★★★★ (2,520)

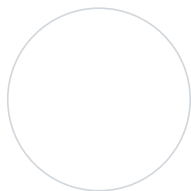
總計： **US\$219.97**

全部加入購物車

講師

Imran Teli

A Technology School



- ★ 講師評等 4.6
- 👤 21683 則評論
- 👥 134087 位學生
- 🎥 3 門課程

Visualpath is a leading software training organization with 12+ years of experience providing training on cutting edge technologies. 32K+ Learners worldwide.

We provide Career Building video courses on various top and trending IT courses like DevOps, Cloud Computing, Full Stack, Python, Data warehousing, Testing and many more.

VisualPath IT is one of the leading software training centers in **Hyderabad** and most reputable training division in all areas. Visualpath provides high-end technology that will allow everyone to build a career with them.

Visualpath is the best institute in online training, corporate training and classroom training. They offer training

★ 4.6課程評等 • 19K評等

NT **Natnael T.**
★★★★★ 2週前

An interesting and well-organized course that shows tools and techniques to use tools without remembering every command with awesome projects to boost confidence in the working area.

有幫助？

KD **Krunal Ravindra D.**
★★★★★ 3週前

This course is an excellent choice for beginners looking to start their DevOps journey from the ground up. I have a request: could you please incorporate GitOps concepts, such as ArgoCD, into the curriculum and

有幫助？

MA **Muhammad A.**
★★★★★ 1個月前

This course covered almost everything. In the last project, you give a bit of tutorial of HELM, i felt like i was totally lost there. I think there should be a section about HELM. I'll be going through projects once more and create proper

有幫助？

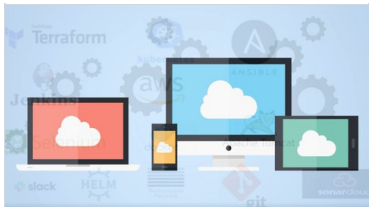
RG **Radostin G.**
★★★★★ 2個月前

This course can give you all of the needed information of how to become DevOps professional. There are a lot of trainings and tools that are used within the course, which are helping the trainee to jump into the DevOps

有幫助？

顯示所有評論

更多 Imran Teli 的課程



DevOps Projects | 20 Real Time DevOps Projects

Imran Teli

4.5 ★★★★★ (2,520)

總計 37.5 小時 · 235 個講座 · 中級

US\$59.99



DevOps Beginner Prerequisites | Cloud

Imran Teli

4.8 ★★★★★ (172)

總計 14 小時 · 88 個講座 · 初階

US\$49.99

檢舉濫用行為

在線上與全世界分享知識

建立線上影片課程，觸及遍布全球的學生們並創造收入

在 **Udemy** 上教學

中文(繁體)

Udemy Business

在 Udemy 上教學

取得應用程式

關於我們

聯繫我們

職涯

部落格

說明與支援

加盟

投資者

條款

隱私權政策

Cookie 設定

網站地圖

無障礙聲明

