Title	DevOps and Cloud Training
Contents	- SDLC Overview - DevOps Principles - Platform & Microservices - Automation, SCM with Git - Virtualisation and Containers (docker and Kubernetes) - AWS in detail - CI/CD Concept and Tools - Ansible and Terraform - Cloud Architecture - Monitoring & Alerting - Building a Cloud Ready Application - Creating a complete platform
About course	Prepare for a career in the fast-growing field of DevOps, bridging the gap between software developers and operations, with this DevOps Certification Training course. You'll become an expert in the principles of continuous development and deployment, automation of configuration management, inter-team collaboration, and IT service agility using modern DevOps tools such as Git, Docker, Jenkins, Cucumber, Ansible, TeamCity, and Nagios.
Duration	**80 Hours**
Eligibility	Basic IT skills and communication skills
Batch/Timings	DevOps and Cloud Training **Weekday Batch** – Online/ Face-Face classes Mon - Wed - Fri 11AM - 2 PM **Weekend Batch** – Online / Face-Face classes Saturday and Sunday - 11 AM to 4PM
Course Details	**Introduction to DevOps and its Principles** - DevOps Overview - The Relationship Between Agile and DevOps - DevOps Toolchain

- DASA DevOps Principles
- Challenges with the Traditional Approach
- Addressing Challenges Through DevOps
- DevOps Approach to the Challenges
- Overview of DevOps Tools
- Best Practices for DevOps
- Categories of DevOps Tools
- Linux and Unix Scripting

AWS Cloud

- Overview of Cloud Computing
- Cloud Services and Models
- Using AWS in DevOps
- Kubernetes
- Add a Linux Node to the Kubernetes Cluster

Automation, SCM with Git

- Overview of Version Control Systems
- Role of Version Control Systems
- Overview of Git
- Overview of Source code and Version Control Hosts
- Deploy the Files to GitHub via Git
- Ansible and Terraform

Virtualisation and Containers (Docker/Kubernetes)

- Overview of Docker
- Overview of Virtualization
- Docker Installation on Multiple OS
- Using Docker Compose to Manage a Container
- Kubernetes

CI/CD Concept and Tools

- Overview and Importance of Continuous Integration and Continuous Deployment
- Overview and Features of Jenkins

	• Set up Jenkins and pipeline • Build Tools and Their Uses • Continuous Integration with Jenkins and Maven **Continuous Monitoring** • Overview of Continuous Monitoring • Types of Monitoring Systems • Demonstrate Nagios • Working with Nagios Monitoring Tool
Tools	Apache Ant, Maven, Grunt, Gulp, Junit, Cucumber, Git, Jasmine, Jenkins, Docker, Puppet, Chef.
Projects	**Project 1: Dockerizing Jenkins Pipeline** Demonstrate the continuous integration and delivery by Dockerizing Jenkins Pipeline. **Project 2: Manage and Monitor the Docker Containers with Dry Tool** Install Dry, demonstrate its interaction with Docker containers and images, and monitor it.
Post Course Support	**Live project Access:** Every student will be assigned to our live projects with access to tools like live Jira and test rail. These projects are underdevelopment, and you will be able to get real time experience. **Recorded sessions:** Every session will be recorded in Zoom so that you can review the class any time up to 6 months. **Course material:** Every session will be backed up by the course content in pdfs, docs and excel so that it will help for further learning and home works. **Access to Community:** After completing the course you will get access to our community and access the networking events and free workshops. **CV and Job Support:** We will be giving you tips on how to improve your CV and LinkedIn profile. We will also be guiding you in your job search.

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Target Jobs/Salary	Devops Analyst, Devops Engnieer Salary **35k**
FAQ'S	http://www.ittalenthub.co.uk/faq.html
Course Enrolment Link	https://forms.gle/zwpg7qJg3aoxtkGo7
Testimonial	Dear Sriram Sir and Team, Hope all is well at your end. I just wanted to take a moment to let you know how much I appreciate the training, support and guidance you have provided me to get this opportunity to work with my current employer. I am really grateful to you and all your team members for the efforts, hard work and energy they have put to reach me to this level. I was lucky to have you as my trainer and mentor. Thanks,
Certifications	We provide a course completion certificate at the end of the course.
Contact us/Mail	+44 7453289655, (whatsapp) www.ittalenthub.co.uk