

DevOps Fundamentals, Part 1 of 2: Get Started

page 1

Meet the expert: Syed Raza is an IT Enterprise Solutions, Senior Project Architect and Manager. He has over 20 years experience in DevOps, Agile, Lean SixSigma, ITIL, ITSM along with AWS, Azure, Google Cloud enterprise solutions including Python, Java, JavaScript, React JS, GCP, Kubernetes, Docker as well as Artificial intelligence.

Prerequisites: none

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Course description: DevOps is the union of people, process, and products to enable the continuous delivery of value to end users. This course will get you started with DevOps, with a history of how DevOps has evolved, How Agile practices work, and DevOps Automation.

Course outline:

Getting Started with DevOps

- Introduction
- What is DevOps
- Value of DevOps
- Summary

History of DevOps

- Introduction
- History of DevOps
- DevOps Metrics
- Summary

Agile Practices

- Introduction
- Agile Practices Applied to DevOps
- Source Version Control
- Summary

DevOps Automation

- Introduction
- Devops Automation
- Demo: Kubernetes
- Summary