



# DEVOPS LEARNING JOURNEYS

**Learning and certification  
paths for engineers,  
DevSecOps engineers,  
and organizational leaders**

*For more information or to schedule a personal consultation:*

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# UNLOCK YOUR FULL POTENTIAL WITH LEARNING JOURNEYS

For more than thirty years, Coveros companies have helped thousands of organizations reach their goals of producing high-value and high-quality software. We want to be a trusted adviser for your team and your enterprise with our hands-on coaching and consulting, our immersive learning experiences, and our innovative custom solutions.

We developed learning journeys to present a series of courses that can move an enterprise, organization, team and/or individuals from their current state to a new, more skilled state and thus, accelerate delivery. Using hands-on learning, these curricula develop both process knowledge and technical skills to impart best practices for the software development industry.

If you have any questions about our learning journeys or would like to speak to one of our professionals about creating a custom curriculum for you or your teams, schedule an appointment with one of our Learning and Coaching Advocates by calling 929.777.8102.



# LEARNING JOURNEY

## Foundational Learning

### START HERE

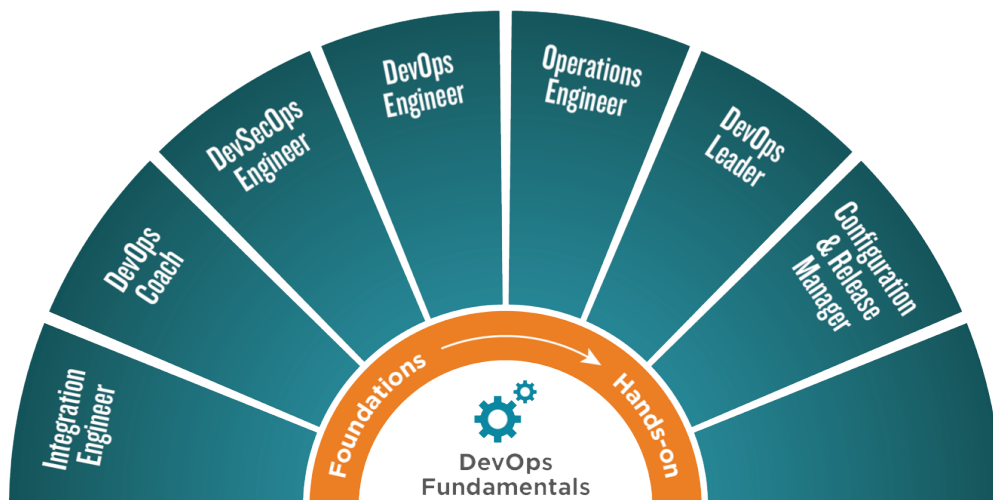
#### Foundations of DevOps

*Learn to leverage DevOps best practices and how to avoid the common mistakes of DevOps implementations.*

Our foundational DevOps course prepares engineers, testers, developers, project managers, and business owners to recognize the positive and negative patterns of software build, test, and deployment in their organization that relate to DevOps.

Key concepts that will be introduced and discussed include:

- Test strategy and implementation within a CI/CD context
- Automated quality gates
- Managing configuration
- Continuous integration and delivery
- Automated deployments
- Operations management of infrastructure and data
- Organizational impacts of DevOps implementation



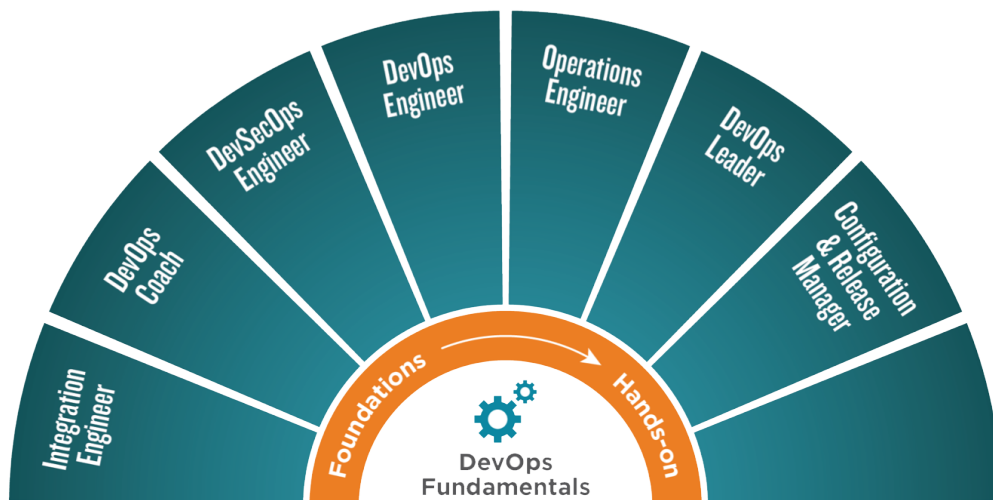
### DevOps Training Curriculum Overview



# LEARNING JOURNEY

## DevOps Engineers

- **DevOps Test Integration Workshop**  
Gain hands-on experience with DevOps tools and practices for automating, building, configuring, and deploying on-demand test environments.
- **Hands-On Docker and Kubernetes Workshop**  
Learn practical DevOps techniques using Docker, and understand what Containers are and why they are critical to DevOps implementations.
- **Hands-On Chef Workshop**  
Understand the use of Chef for system installation and configuration, as well as the setup and use of Vagrant workflows for creating, customizing, and configuring virtual environments.
- **Implementing Pipeline as Code Using Jenkins**  
Learn practical techniques for building and working with Jenkinsfile, including build a multibranch pipeline using Jenkins and Git.
- **Modern Configuration Management**  
A high-level introduction to the practice of configuration management in modern software development environments implementing agile and DevOps.



### DevOps Training Curriculum Overview



# LEARNING JOURNEY

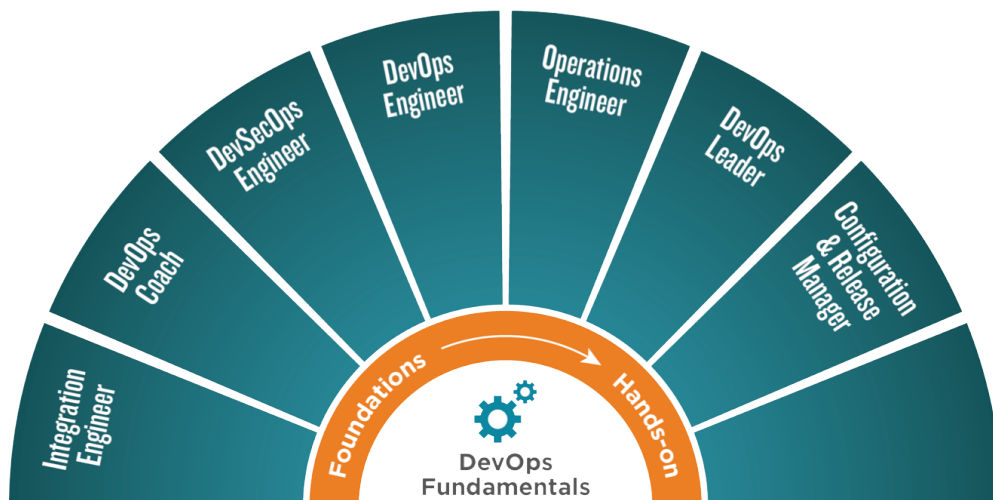
## DevSecOps Engineers

- **Fundamentals of Software Security**

Learn how to integrate security concepts into every phase of your software development process.

- **DevSecOps for Practitioners**

Explore security testing within a DevSecOps pipeline in an informal and interactive workshop setting. Attendees will gain practical experience through both group discussions and hands-on exercises.



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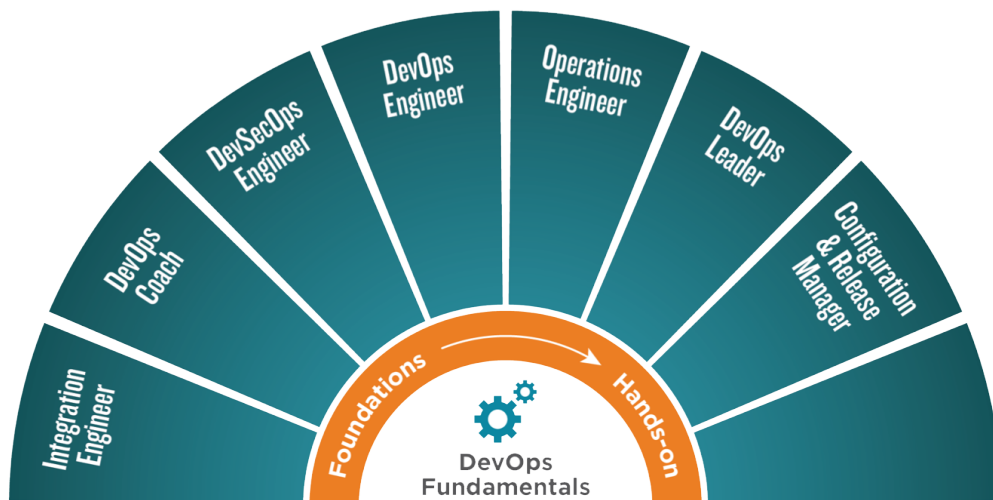


# LEARNING JOURNEY

## DevOps Leader

- **Agile & DevOps Leadership Workshop**

This highly interactive workshop helps executives and organizational leaders tackle agile and DevOps transformation challenges and teaches how to successfully take agile and DevOps to the next level in your organization.



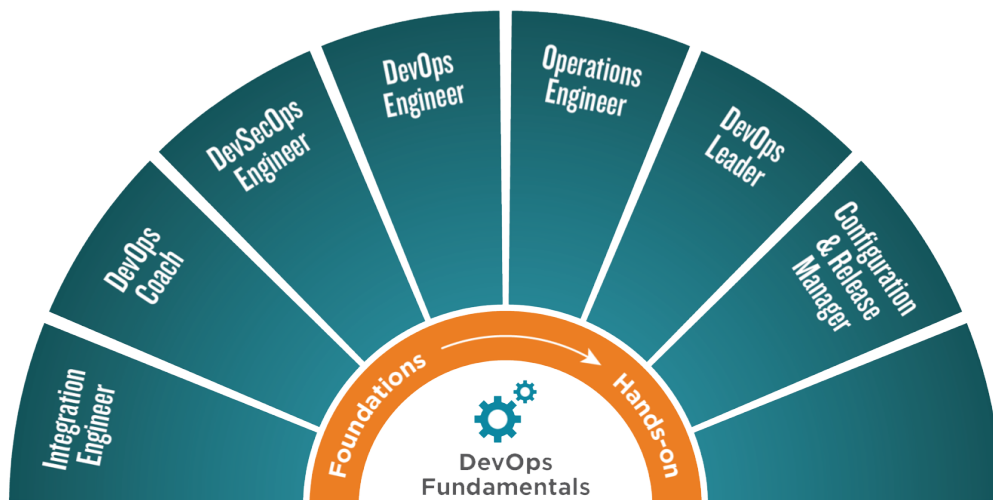
### DevOps Training Curriculum Overview



# LEARNING JOURNEY

## Continued Learning and Certification for DevOps Roles

- **Foundations of DevOps—ICAgile Certification**  
Successful attendees are certified by the International Consortium for Agile and awarded the ICAgile Professional Foundation of DevOps (ICP-FDO) designation.



**DevOps Training** Curriculum Overview