Devops Practitioner

Topics:

- Let's Get to Know Each Other

- Course Overview

- Course Objectives

- Course Agenda

- Course Book

- Group Discussions

- Exam

- Design Teams:

    - Introduction to a DevOps Team

    - Characteristics of a DevOps Team

    - Boundaries for a DevOps Team

- Build Teams:

    - Creating High Performance Teams

    - Feedback: Giving and Taking

    - Shared Responsibility and Accountability

- Governance:

- Governance on Three Levels

- - Governance Within a Team

    - Governance Between Teams

    - Governance Between Organizations

- Scaling

- External Suppliers

- Build Culture:

    - Create the Right Environment

    - Change the Habitual Behavior

    - Fail Fast to Improve

    - Maintain the Agile Soil

- Create Purpose:

    - Know the Importance of Storytelling

    - Define the Purpose of Having a Purpose

    - Relate Alignment with Autonomy

- Be a Servant Leader:

    - Give Control to the Team

    - Inspire and Support the Team

    - Make Your Own Leadership Manifesto

- Focus on Success:

    - Customer Value and Team Success

    - Measure and Steer Value

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- Build Courage:

    - Importance of Courage

    - Out of Your Comfort Zone

    - Resilience

    - Courage in Relationship with Leadership and Feedback

    - Courage at the Team Level

    - Dealing with Failure

- Think Different:

    - Think Different on a Day-to-day Basis

        - During Standups

        - Standup from Hell

        - 10th Man Rule

- Think Different in an Organized Way

    - Open Allocation Time

    - Guilds

- Different Aspects of Value:

    - Customer Value

    - The Different 'Voices'

- Stakeholder Management:

    - Know Your Stakeholders

    - Categorize the Stakeholders

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- Combining Lean Startup and DevOps:

  - The Lean Startup Process

  - The Lean Startup Versus Chaos

  - Combining the Lean Startup and DevOps

- The Power of Story Mapping:

  - Product/Service Development Approaches

  - Need for Story Mapping

  - Creating Story Maps

- Build Flow:

  - Build Optimal Flow

  - Multitasking and One Piece Flow

  - Little's Law and Optimization of Process Lead Time

  - Valualize Flow

  - Flow and Resource Utilization

- Types of Continuous Improvement:

  - Kaizen

  - Radical Change

- Continuous Improvement Tools:

  - Kaizen Event

  - Value Stream Mapping

  - Visual Management

- Retrospective

- Daily Standup

- Five Times 'Why'