Online kursus – k72840

DevOps

Teknologisk **Institut**

DevOps
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Title

Adopting DevOps: Applying DevOps Principles to Build Delivery Solutions

Adopting DevOps: Principles & Practices

Adopting IT Automation

Adopting the DevOps CI/CD Paradigm

Adopting the DevOps Mindset

Advanced Docker Skills: Advanced Docker Administration

Advanced Docker Skills: Debugging Docker Solutions

Advanced Docker Skills: Docker Performance Optimization

Advanced Docker Skills: Performance Troubleshooting

Advanced Docker: Exploring Advanced Docker Principles & Practices

Advanced Docker: Working with Services & Applications on Multiple Containers

Advanced Kubernetes Skills: Designing & Building Kubernetes Solutions

Advanced Kubernetes Skills: Security Considerations

Advanced Provisioning in Vagrant

Ansible: Ansible for DevOps Provisioning

Ansible: Continuous Delivery and Monitoring Using Ansible Playbook and Tower

ANTS Performance Profiler

Applying Design Patterns in DevOps & CloudOps Automation

Automated Testing with Docker

Automation Using Bash and Expect

Bash Advanced Scripting and File I/O

Bash Scripting Flow Control and Data Types

Best Practices for DevOps Implementation

Building a Performance Engineering Culture: Evaluating Performance

Building a Performance Engineering Culture: Exploring Performance Engineering

Building the Puppet Environment

Chef for DevOps: Automate Infrastructure Using Chef Tools & Templates

Chef for DevOps: Managing Infrastructure Using Chef

Chef Server Basics

CI/CD Best Practices: Applying Automated Testing

CI/CD Implementation for DevOps

CloudOps with Azure DevOps Tools

Community Cookbooks and Chef Server Patterns

Configuration and Troubleshooting in RabbitMQ

Configuring Puppet Environments and Managing Files

Configuring the Puppet Master and Puppet Agent

Core DevOps Skills: DevOps Principles & Practices

Core DevOps Skills: Moving toward DevOps

Creating Application Builds

DevOps Agile Development: Agile Processes for DevOps

DevOps Agile Development: DevOps Methodologies for Developers

DevOps Automation: Configuration Management

DevOps Automation: Delivery Mechanisms

DevOps Cloud Automation: Advanced AWS Pipelines and DevOps Using Azure

DevOps Cloud Automation: AWS DevOps Tools

DevOps Cloud Automation: DevOps with Google Cloud Platform

DevOps Collaboration Tools: Tools for Continuous Delivery

DevOps Collaboration Tools: Tools for Continuous Integration

DevOps Continuous Feedback: Implementing Continuous Feedback

DevOps Continuous Feedback: Loop Tools

DevOps Continuous Testing: Testing Approaches

DevOps Continuous Testing: Testing Methodologies

DevOps Deployment: Adopting the Right Deployment Strategy

DevOps Deployment: Deploying Applications Using Deployment Tools

DevOps Engineering: Upgrading Legacy Systems & Support Systems

DevOps Mindset: DevOps Implementation Using Tools

DevOps Mindset: DevOps Principles & Implementation Approach

DevOps Pipelines: Configuring & Building Core Elements of Azure Pipelines

DevOps Pipelines: Configuring a GCP Pipeline

DevOps Pipelines: Using Action Type Integrations to Configure AWS Pipelines

DevOps Security Considerations: DevSecOps Principles

DevOps Security Considerations: Securing DevOps Pipeline

DevOps Smart Failure: Fail Fast & DevOps

DevOps Support Administrator: DevOps Practices for Support Engineers

DevOps Support Administrator: DevOps Tools for Support Engineers

DevOps Support Administrator: Exploring Cloud Service Models

DevOps Tools: Selecting the Right Tools

DevOps Troubleshooting Essentials

DevOps Troubleshooting Scenarios

DevOps with Ansible: Introduction to Playbooks and Testing

DevOps with Ansible: Overview

DevOps with Ansible: Working with Ansible Features

DevOps with Docker: Container Management

DevOps with Docker: Implementing DevOps Using Docker

DevOps with Docker: Management in the Cloud

DevOps with Saltstack: Configuration and Components

DevOps with Saltstack: Overview

DevOps with Saltstack: Remote Execution & State System

Docker & Multi-cloud: Managing Multi-cloud with Docker

Docker & Multi-cloud: Multi-host, Multi-cloud Management with Docker Enterprise

Docker Compose: Terminology & Installation

Docker Compose: Using Docker Compose

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Docker Containers, Images, and Swarms

Docker Skills: Advanced Docker Orchestration

Docker Skills: Advanced Docker Security

Elasticsearch Data Management

ELK Operations on the Cloud

Enterprise DevOps with Docker

Exploring CI: Continuous Integration & CI Tools

Extending Kubernetes: Implementing Kubernetes Extensions

Extending Kubernetes: Kubernetes Extension Principles

Final Exam: Cloud Engineer

Final Exam: DevOps Developer

Final Exam: DevOps Engineer

Final Exam: DevOps Engineer

Final Exam: DevOps Lead

Final Exam: Enterprise Developer

Final Exam: QA Specialist

Final Exam: Software Tester

Final Exam: Solutions for Multi-Cloud Load Balancing

First Steps with Chef

Getting Started with DevOps Pipelines

Heap, Thread, and Monitor Dump Analyzer

HP LoadRunner 12 Essentials: Enhancing Vuser Scripts

HP LoadRunner 12 Essentials: Working with Controller and Analysis

HP LoadRunner 12 Essentials: Working with VuGen

Hybrid Environment Pipelines: DevOps Practices for Hybrid Environments

Hybrid Environment Pipelines: Hybrid Cloud Transformation

IBM Memory Analyzer and Visualizer

IBM Pattern Modeling Analysis Tool

Introduction to Application Performance Engineering

Introduction to Automation with Terraform

Introduction to Bash Scripting

Introduction to Kubernetes

Introduction to PowerShell 5.0

Introduction to RabbitMQ

IT Infrastructure Automation: Automated Monitoring

IT Infrastructure Automation: Automation and Scalability

IT Infrastructure Automation: Introduction to Automation

IT Infrastructure Automation: Python Automation Programming

IT Infrastructure Automation: Text File Processing and RegEx

IT Infrastructure Automation: Version Control and GIT

Java Application Performance Analysis Tools

JavaScript Objects and Event Handlers

JavaScript Operators, Arrays, and Functions

Jenkins 2 Nuts and Bolts

Jenkins Administration

Jenkins for DevOps: Automated Testing & Advanced Jobs Using Jenkins

Jenkins for DevOps: Jenkins Configuration for DevOps

Kibana and Reporting Capabilities

Kubernetes & Automation Testing

Kubernetes Administrator: Auditing & Customizing Logs

Kubernetes Administrator: Cluster Installation & Configuration

Kubernetes Administrator: Configuring ConfigMaps & Kubernetes Secrets

Kubernetes Administrator: Configuring Networking & Services

Kubernetes Administrator: Ingress and Cluster DNS & CNI Management

Kubernetes Administrator: Kubernetes Fundamentals for Administrators

Kubernetes Administrator: Managing Highly-available Clusters

Kubernetes Administrator: Managing Kubernetes Deployments

Kubernetes Administrator: Managing Pods & Deployments

Kubernetes Administrator: Managing Role-based Access Control

Kubernetes Administrator: Managing StorageClass & Volume

Kubernetes Administrator: Monitoring Kubernetes Metrics

Kubernetes Administrator: Scaling & Managing Resources

Kubernetes Administrator: Service Management

Kubernetes Administrator: The Logging Mechanism

Kubernetes Administrator: Troubleshooting Cloud-hosted Kubernetes

Kubernetes Administrator: Troubleshooting Cluster Components

Kubernetes Administrator: Troubleshooting Deployments & Networking

Kubernetes Administrator: Underlying Cluster Infrastructure

Kubernetes Administrator: Using PersistentVolume & PersistentVolumeClaim

Kubernetes API and Components

Kubernetes Clustering & Containers

Kubernetes Clusters

Kubernetes Concepts

Kubernetes Manifests, Declaratives, & Imperatives

Kubernetes Networking: Advanced Kubernetes Practices

Kubernetes Networking: Advanced Networking

Kubernetes on Google Cloud Platform

Kubernetes Pods, Deployments, Services, Namespaces, & DaemonSets

Logstash for Data Ingestion in Elasticsearch

Managing Multi-cloud Containers Using Kubernetes

Managing Stacks and Application Deployment

Message Handling and Clustering in RabbitMQ

Monitoring in DevOps: Cloud Services

Monitoring in DevOps: IT Resources

Navigating Software Testing Tools: Types of Software Testing Tools

Packaging in DevOps: Application Packaging Mechanism

Packaging in DevOps: Packaging Applications for Cloud

Performance Analyzer Features

Performance Engineering Nuts & Bolts: Evaluating Performance

Performance Engineering Nuts & Bolts: Exploring Performance Engineering

Performance Engineering: Assessing Performance Issues in Software Development

Performance Engineering: Fixing Cloud Performance Issues

Performance Engineering: Fixing Infrastructure Performance Issues

Performance Engineering: Fixing Microservices Performance Issues

Performance Engineering: Optimizing Database Performance

Performance Engineering: Optimizing Performance in an Application

Performance Engineering: Potential Performance Issues in Architecture

Performance Engineering: Potential Performance Issues in Software Development

PowerShell 5.0 Aliases, Providers, and Objects

PowerShell 5.0 Cmdlet Structure and Help

PowerShell 5.0 Configuration, Advanced Help, and Queries

PowerShell 5.0 Desired State Configuration (DSC)

PowerShell 5.0 DSC and Azure

PowerShell 5.0 DSC Resources

PowerShell 5.0 DSC with Linux and JEA

PowerShell 5.0 DSC, Configurations, and Repositories

PowerShell 5.0 Local Configuration Manager (LCM)

PowerShell 5.0 Output Formatting, Modules, and Customization

PowerShell 5.0 Remote Management

PowerShell 5.0 Resource Creation and Configuration

PowerShell 5.0 Syntax, Help, and Conditionals

Promoting DevOps Discipline: DevOps Practices for the Enterprise

Puppet for DevOps: Installing & Working with Puppet Components

Puppet for DevOps: Working with Puppet Bolt & Continuous Delivery for PE

Puppet Refactoring Patterns

Python Applications

Python Data Processing

Python Fundamentals

SaltStack for DevOps: Configuration Management with SaltStack

SaltStack for DevOps: Working with SaltStack Components

Scaling DevOps: Infrastructure at Scale

Scaling DevOps: Pipelines at Scale

Scaling Kubernetes Apps & Solutions: Kubernetes Logging & Monitoring

Scaling Kubernetes Apps & Solutions: Kubernetes Packaging

Scaling Kubernetes Apps & Solutions: Scalable Kubernetes

Scripting Automation: Adopting an Automation Mindset

Scripting Automation: Major Automation Technologies for Support Engineers

Scripting Automation: Scripting for Support Engineers

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Software Testing for DevOps: DevOps Test Tools
Software Testing for DevOps: DevOps Testing Pipeline
Software Testing for DevOps: Testing & DevOps Overview
Solutions for Multi-cloud Load Balancing: Load Balancing Kubernetes Solutions
Solutions for Multi-cloud Load Balancing: Load Balancing with Docker
Terraform Configurations
Terraform Infrastructure
Terraform Provisioning and Modules
Terraform Variables
Test-driven Cookbooks
Testing and Continuous Integration
The DevOps Deployment Pipeline: Implementing DevOps Principles Using Azure Pipelines
The DevOps Deployment Pipeline: Managing Releases Using AWS Pipelines
The DevOps Deployment Pipeline: Pipeline Implementation Using GCP
The Language of DevOps: DevOps Principles & Practices
The Language of DevOps: DevOps Tools & Processes
Using Docker for DevOps: Configuring Docker for Continuous Delivery
Using Docker for DevOps: Introduction to Docker
Using Git for DevOps: Managing Conflict & Effectively Using Git Workflow
Using Git for DevOps: Using Git Effectively
Using Splunk for Data Analysis
Using Vagrant: Configuration
Using Vagrant: Introduction
Vagrant Advanced Administration
Version & Source Control: Basics
Version & Source Control: Working With Source Control Tools
Visualization Using Kibana