# DevOps Pipeline Diagram

**Purpose:** This document presents a visual representation and description of the CI/CD pipeline implemented by the {teamName} team. It illustrates key stages of development, integration, testing, delivery, and deployment, along with the tools utilized at each stage. This is intended for technical documentation, process transparency, and onboarding purposes.

## Overview

The DevOps pipeline automates the software delivery process to ensure high quality, speed, and repeatability. It consists of several stages that collaboratively move code from development through deployment.

## Pipeline Stages

|  |  |  |
| --- | --- | --- |
| **Stage** | **Description** | **Tools Used** |
| {#stages}{stageName} | {description} | {tools}{/stages} |

## Pipeline Diagram

*Below is a visual diagram representing the sequence and tools used in the DevOps pipeline:*

{pipelineDiagram}

## Stage Details

{#stageDetails}

### {stageName}

**Description:** {description}

**Responsible Team:** {responsibleTeam}

**Automation Level:** {automationLevel}

**Key Outcomes:**

* {keyOutcome}

{/stageDetails}

## Environment Matrix

This table highlights how the pipeline applies across different infrastructure environments.

|  |  |  |  |
| --- | --- | --- | --- |
| **Environment** | **URL** | **Status** | **Owner** |
| {#environments}{envName} | {envUrl} | {status} | {owner}{/environments} |

## Change Management

**Version Control System:** {versionControl}

**Primary Branch:** {primaryBranch}

**Release Process:** {releaseProcess}

## Notifications and Monitoring

{#notificationsEnabled} Notifications about build status, deployment progress, and failure alerts are enabled.

**Notification Channels:**

* Email: {notifyEmail}
* Slack: {notifySlack}

{/notificationsEnabled}

{^notificationsEnabled} Notifications are currently disabled. Please consult with the DevOps team if this needs to be updated.{/notificationsEnabled}

## Team Contacts

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Email** |
| {#teamMembers}{name} | {role} | {email}{/teamMembers} |

## Glossary

{#glossary}

* **{term}:** {definition}

{/glossary}