

# Blog DevOps Project

## Master Documentation

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## 1 Introduction

This document contains the complete documentation for the Blog DevOps Project. It is automatically generated and updated on each commit to the repository.

### 1.1 Project Overview

The Blog DevOps Project is a full-stack blog application demonstrating complete DevOps practices including CI/CD pipelines, automated testing, deployment, monitoring, and infrastructure as Code.

### 1.2 Documentation Structure

This master documentation includes:

- Project architecture and design
- CI/CD pipeline documentation
- Infrastructure setup guides
- API documentation
- Deployment procedures
- Monitoring and observability
- Change log

## 2 Commit History

### 2.1 Latest Commit

- **Hash:** 0dd9162
- **Date:** 2025-12-07 18:32:45 -0500
- **Author:** Andre Santiago-Neyra
- **Message:** docs(latex): Enhance LaTeX documentation formatting and script functionality

### 2.2 Changes in This Commit

- M documentation/master\_documentation.tex
- M scripts/update\_latex\_documentation.sh

## 3 Project Documentation

### 3.1 DEMO\_PRESENTATION

### 3.2 LOAD\_BALANCER\_SETUP



### 3.3 QUICK\_REFERENCE



### 3.4 SWOT \_DETAILED

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### 3.5 TALKING\_POINTS

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### 3.6 README



**A Appendix A: Configuration Files****B Appendix B: Pipeline Logs**