**Claude Code Templates: Deployment Requirements & Asset Checklist**

**Comprehensive Guide to Infrastructure, Tools, and Platforms Required for Successful Deployment**

**Executive Summary**

**Overview**

Successfully deploying Claude Code Templates requires a modern development environment with specific tools, platforms, and infrastructure. This document provides a complete asset checklist to assess your organization's readiness and identify any gaps before implementation.

**Asset Categories**

The templates require assets across six major categories:

1. **Version Control & CI/CD** - Git, GitHub/GitLab, automation pipelines
2. **Development Stack** - Languages, frameworks, databases, authentication
3. **Cloud Infrastructure** - Hosting, deployment, serverless functions
4. **Project Management** - Task tracking, documentation, collaboration
5. **Security & Compliance** - Secrets management, monitoring, audit logging
6. **Testing & Quality** - Test frameworks, coverage tools, linting

**Minimum Viable Deployment (Quick Start)**

To use the templates at a basic level, you need:

* ✅ **Git repository** (GitHub, GitLab, or Bitbucket)
* ✅ **One programming language** (TypeScript, Python, Java, etc.)
* ✅ **One framework** (Next.js, Django, Express, etc.)
* ✅ **Package manager** (npm, pip, Maven, etc.)
* ✅ **Test framework** (Jest, Pytest, JUnit, etc.)
* ✅ **Text editor/IDE** (VS Code, IntelliJ, PyCharm, etc.)
* ✅ **Claude Code CLI** installed and configured

**Estimated Setup Time**: 10-15 minutes

**Recommended Full Deployment**

For maximum value and all features:

* ✅ All minimum requirements above
* ✅ **Task management system** (Linear, Jira, GitHub Issues)
* ✅ **Database system** (PostgreSQL, MongoDB, MySQL)
* ✅ **Authentication provider** (Auth0, Supabase, Firebase)
* ✅ **CI/CD pipeline** (GitHub Actions, GitLab CI, Jenkins)
* ✅ **Cloud platform** (AWS, Vercel, Google Cloud, Azure)
* ✅ **Monitoring/logging** (DataDog, LogRocket, Sentry)
* ✅ **API documentation tool** (Swagger/OpenAPI, Postman)

**Estimated Setup Time**: 1-2 hours (if infrastructure exists), 1-2 days (from scratch)

**Quick Readiness Assessment**

Check your readiness level:

| **Readiness Level** | **Requirements Met** | **Templates Available** | **Business Impact** |
| --- | --- | --- | --- |
| **Basic** | Git + Language + Framework | 40% (8/21 templates) | 20-30% efficiency gain |
| **Standard** | Basic + Database + Tests | 70% (15/21 templates) | 40-50% efficiency gain |
| **Advanced** | Standard + CI/CD + Task Mgmt | 85% (18/21 templates) | 50-60% efficiency gain |
| **Enterprise** | All recommended assets | 100% (21/21 templates) | 60-70% efficiency gain |