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My CI/CD & GitHub Workflow Showcase

The purpose of this document is to demonstrate how a I usually work as a Product Owner / Business Analyst to contribute meaningfully in a CI/CD and GitHub-driven DevOps environment. My goal is to showcase my literacy in workflows, artifacts, and collaboration touchpoints that ensure successful delivery of product increments.

1. My Typical Actions in GitHub & CI/CD

Action	Description
Write User Stories & Acceptance Criteria	I document in Jira/GitHub Issues and link them to PRs.
Maintaining Docs in Repo	I update the README.md, /docs folder, API usage notes.
Review of Pull Requests	I validate and ensure feature implementations align with requirements.
Branch & Commit of Updates.	I create feature/docs branches, commit release notes or workflow updates.
Tag Releases	I tie/link version tagging (v1.2.0) to product features delivered.

2. An Example of a typical CI/CD Workflow (Simplified)

This is my typical CI/CD workflow when working and integrating as a product manager, with the engineering/DevOps team:

Step	Description
1. User Story Created	As a PO/BA, I write stories with acceptance criteria in Jira/GitHub Issues.
2. Branch Created	The Dev creates feature branch linked to each story.
3. Commit & Push	The Code + documentation changes are pushed by Dev team to GitHub.
4. Pull Request (PR)	As a PO/BA, i review the changes/feature against requirements.
5. CI Build & Test	The Devs run pipeline unit tests, integration tests.

6. Deploy to Staging	The feature is deployed to staging, for UAT with my sign-off, as the PO/BA.
7. Deploy to Production	As a PO/BA, I approve builds promoted to prod environment.
8. Release Notes	As a PO/BA, I publish the release notes and ensure the business impact is communicated with stakeholders.

3. Example Work Products

As part of collaboration with DevOps and Engineering, these are some of the artefacts, as a BA/PO, which I typically deliver:

- **Release Notes:** Summarizing new features, fixes, risks, rollback steps.
- **Branching Strategy Diagram:** Illustrates main, develop, feature, hotfix branches.
- **CI/CD Workflow Diagram:** Visual showing commit → build → test → deploy flow.
- **Contribution Guidelines:** Commit message conventions, PR review process.
- **Deployment Checklist:** Sign-off criteria before production promotion.

Summary

A Product Manager / Business Systems Analyst i add value in CI/CD contexts by bridging product requirements with engineering delivery pipelines.

By participating in GitHub workflows, reviewing PRs, contributing to repo documentation, and owning business-facing release artefacts, my role is to ensure alignment, traceability, and smoother product delivery cycles.