CI/CD — A better way to build and ship our products.

Continuous Integration and Continuous Delivery

Continuous Integration (CI) allows you to continuously integrate code into a single shared and easy to access repository. Continuous Delivery (CD) allows you to take the code stored in the repository and continuously deliver it to production. CI/CD creates a fast and effective process of getting your product to market before our competition as well as releasing new features and bug fixes to keep our current and new customers happy.

CI/CD BEST PRACTICES

Make early & frequent commitments

Only build once

Clean your environments

Keep the structures green

Encourage teamwork

Automate more

Benefits of CI/CD

Automated Smoke Tests: This would protect our revenue by reducing downtime caused by deploy-related crash or bugs.

Catch Unit Test Failures: Having less bug in our live app and spending less time doing manual testing would help us to avoid cost.

Cost Reduction: Due to less human errors and faster deployments

Faster and More Frequent Production Deployment: We would get more revenue by shipping value generating features more frequently to the customers, this would also help us to get feedback early and stay ahead.

Detect Security Vulnerabilities: This would enable us to easily detect serious security flaws that would be embarrassing if it had made it to the public. This would save us money trying to win back the customers' trust and rebuilding our image.

Deploy to Production Without Manual Checks: Less time to market would help us to increase our revenue.