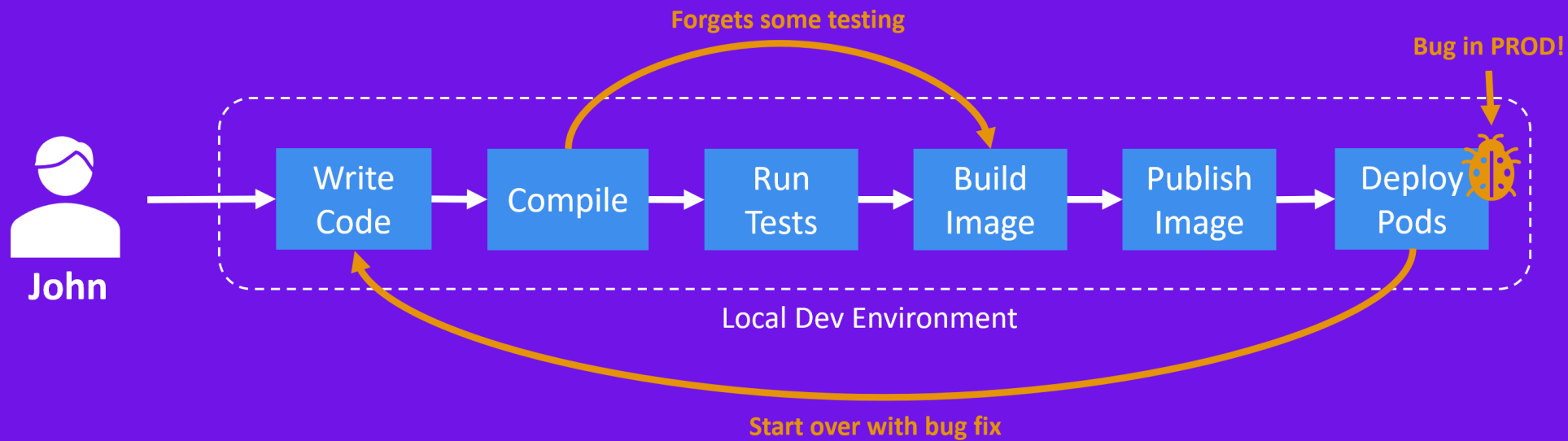


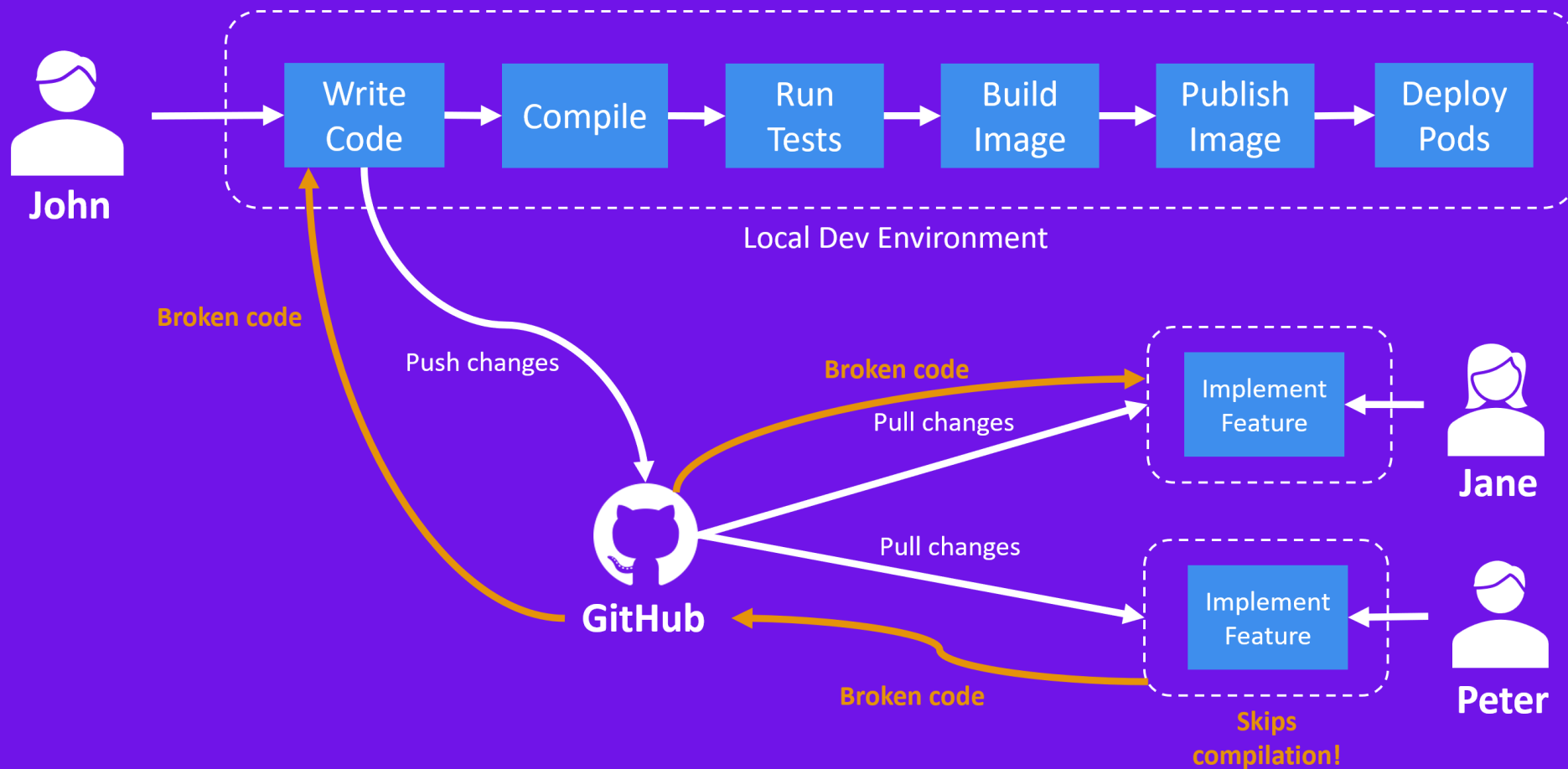
The need for automation



Developer Challenges

- Many tasks needed to deliver a feature or fix
- Bugs can easily make their way to Production

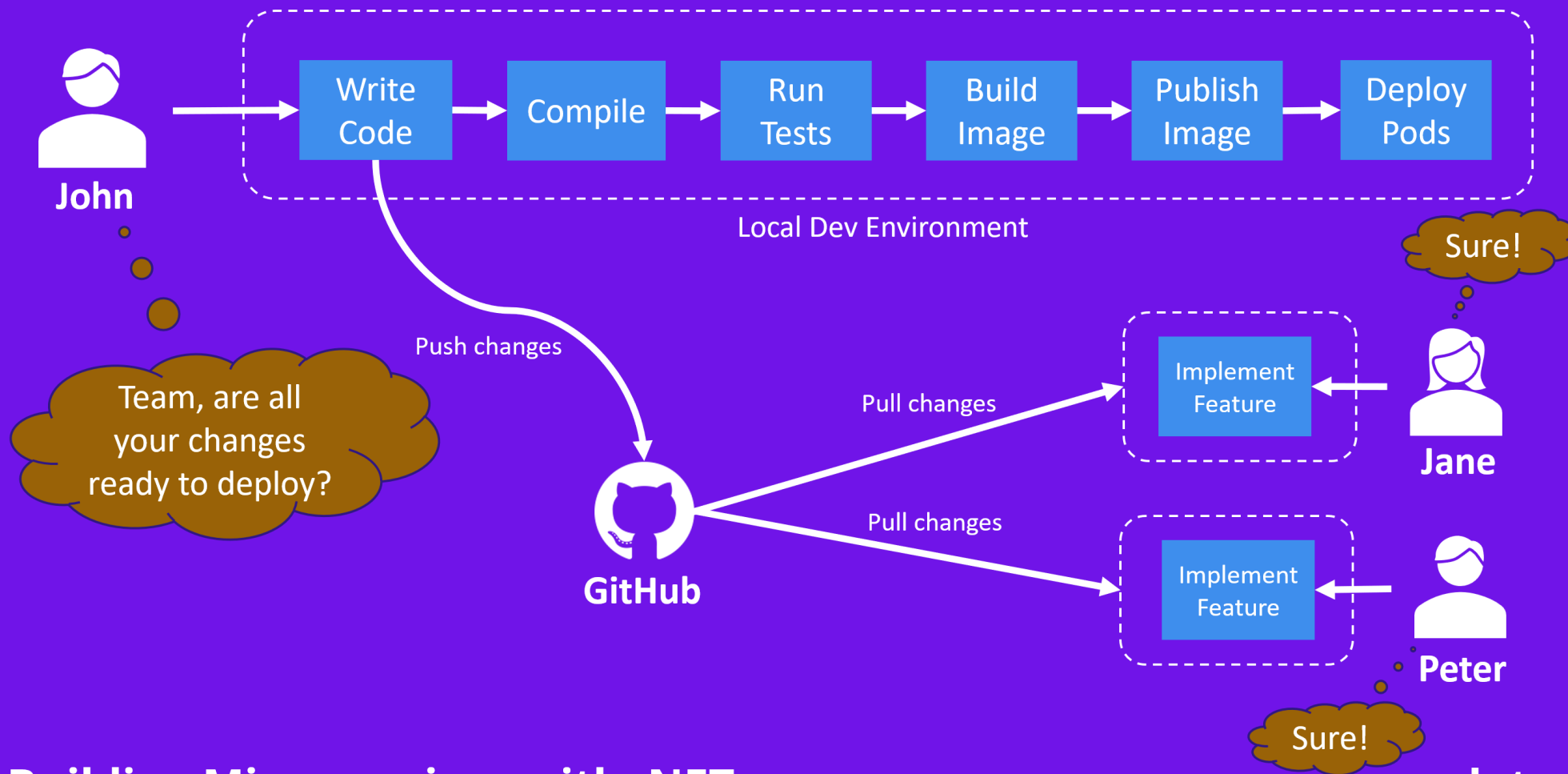
The need for automation



Developer Challenges

- Many tasks needed to deliver a feature or fix
- Bugs can easily make their way to Production
- Broken code can propagate across dev environments

The need for automation



Developer Challenges

- Many tasks needed to deliver a feature or fix
- Bugs can easily make their way to Production
- Broken code can propagate across dev environments
- Need coordination to get things deployed
- Ensure dev box is always ready to build/deploy
- People knowledge is needed to build and deploy

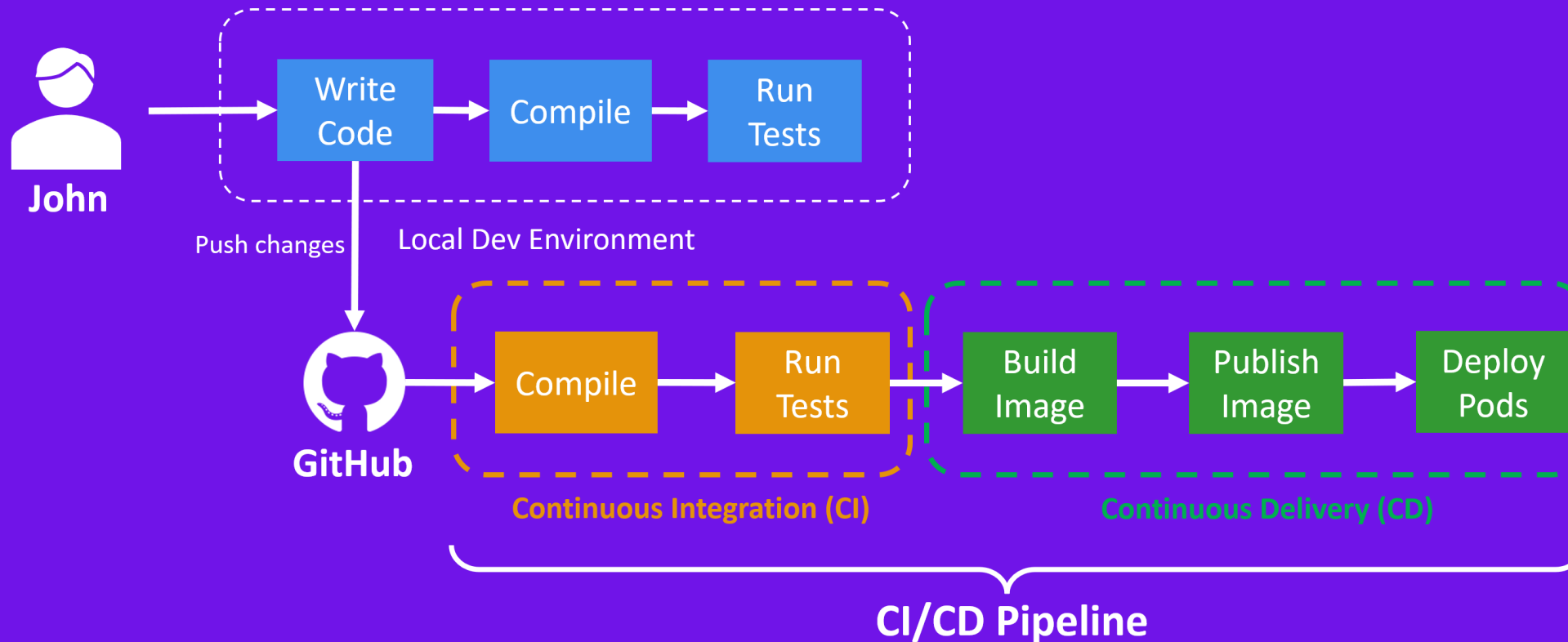
What is Continuous Integration (CI)?

A software engineering practice where developers regularly merge their code changes into a central repository, after which automated builds and tests are run.

What is Continuous Deployment (CD)?

A software engineering practice in which code changes are delivered frequently through automated deployments.

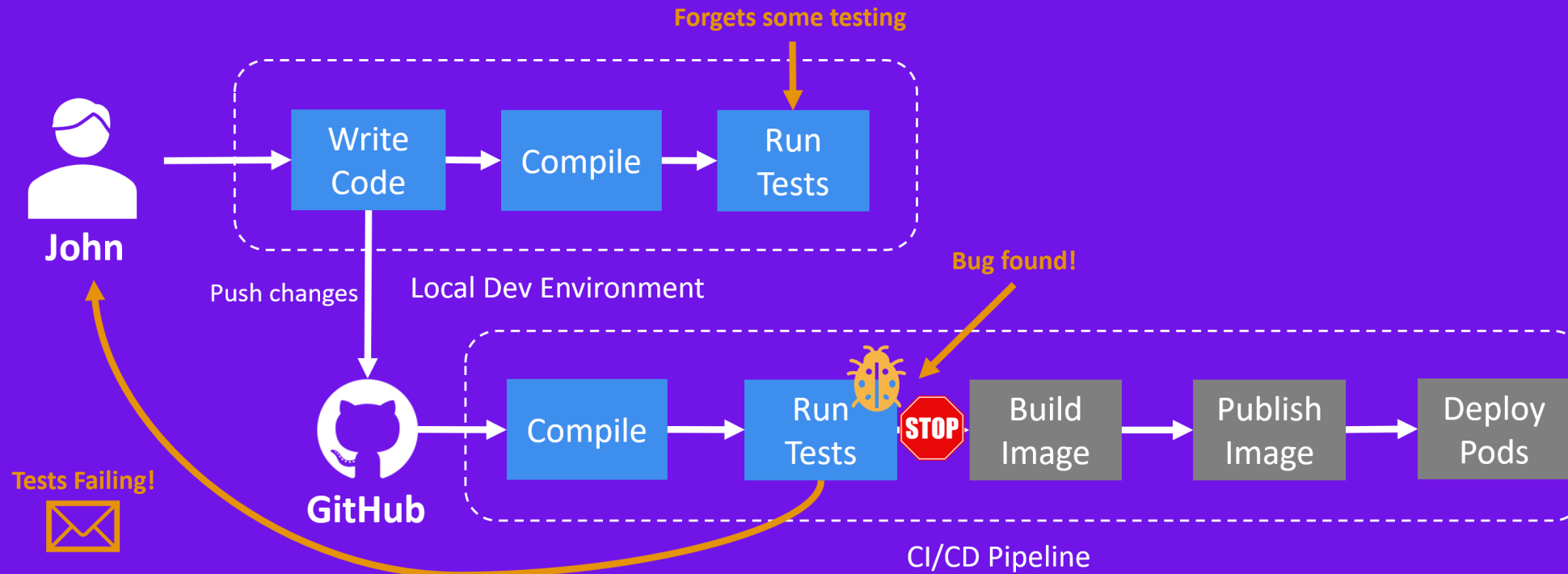
Enter CI/CD



CI/CD Benefits

- Improved developer productivity
- The latest code is quickly built, tested and deployed

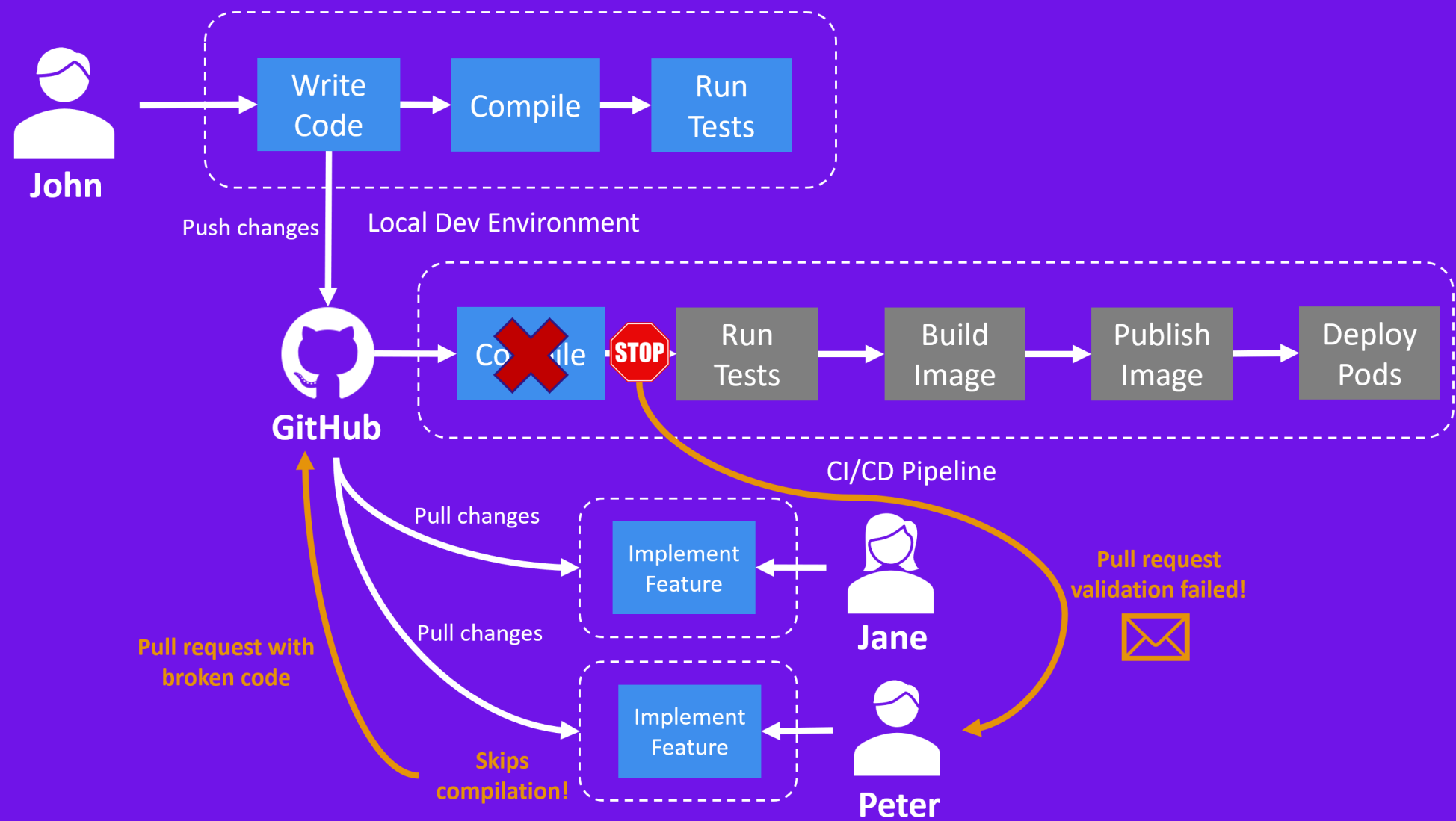
Enter CI/CD



CI/CD Benefits

- Improved developer productivity
- The latest code is quickly built, tested and deployed
- Bugs are found early in the pipeline

Enter CI/CD



CI/CD Benefits

- Improved developer productivity
- The latest code is quickly built, tested and deployed
- Bugs are found early in the pipeline
- Broken code won't propagate across dev environments

Enter CI/CD

