Udapeople CI/CD

A presentation on the importance of automation

Why Automation?

- Humans prone to error

- Developer's time limited

- Bug fixing means less time for features

- Downtime hurts sales and client confidence

How does Automation help?

- Set it up just once

- Replicable every single time

- No tests skipped

- Even in failure, rollback is easy!!!

What is CI/CD

- Continuous Integration/Continuous Deployment

- Automated pipeline runs scripts on our code

- Continuously integrates and deploys the project

- Ensures no bugs make it to production

Why does this matter?

- Developer's can spend on more time on features

- More Features = Increased Revenue

- Application is less likely to go down

- Less Downtime = Protect Revenue

- Less human error and faster deployments

- More Reliability = Reduce Costs