



From Development to Production in just a few minutes

Why it is necessary to
implement CI/CD

Current development workflow of udapeople



3-MONTH RELEASE CYCLE



HIGH EFFORT WITH THE
DEPLOYMENT OF THE
SOFTWARE IN PRODUCTION



SLOW FEEDBACK FROM THE
USERS

Faster feedback with Continuous Integration



every developer commits daily



every commit triggers an automated build and test of the codebasis



Faster feedback on the changes



More quality



Works hand-in-hand with agile methods

Continuous Deployment

- Automated provision of the software
- creating infrastructure
- automated rollbacks
- provisioning servers
- smoke testing

Benefits of Continuous Integration & Continuous Deployment

less bugs in production

less time to market

reduced downtime

features released more quickly