Automating App Delivery

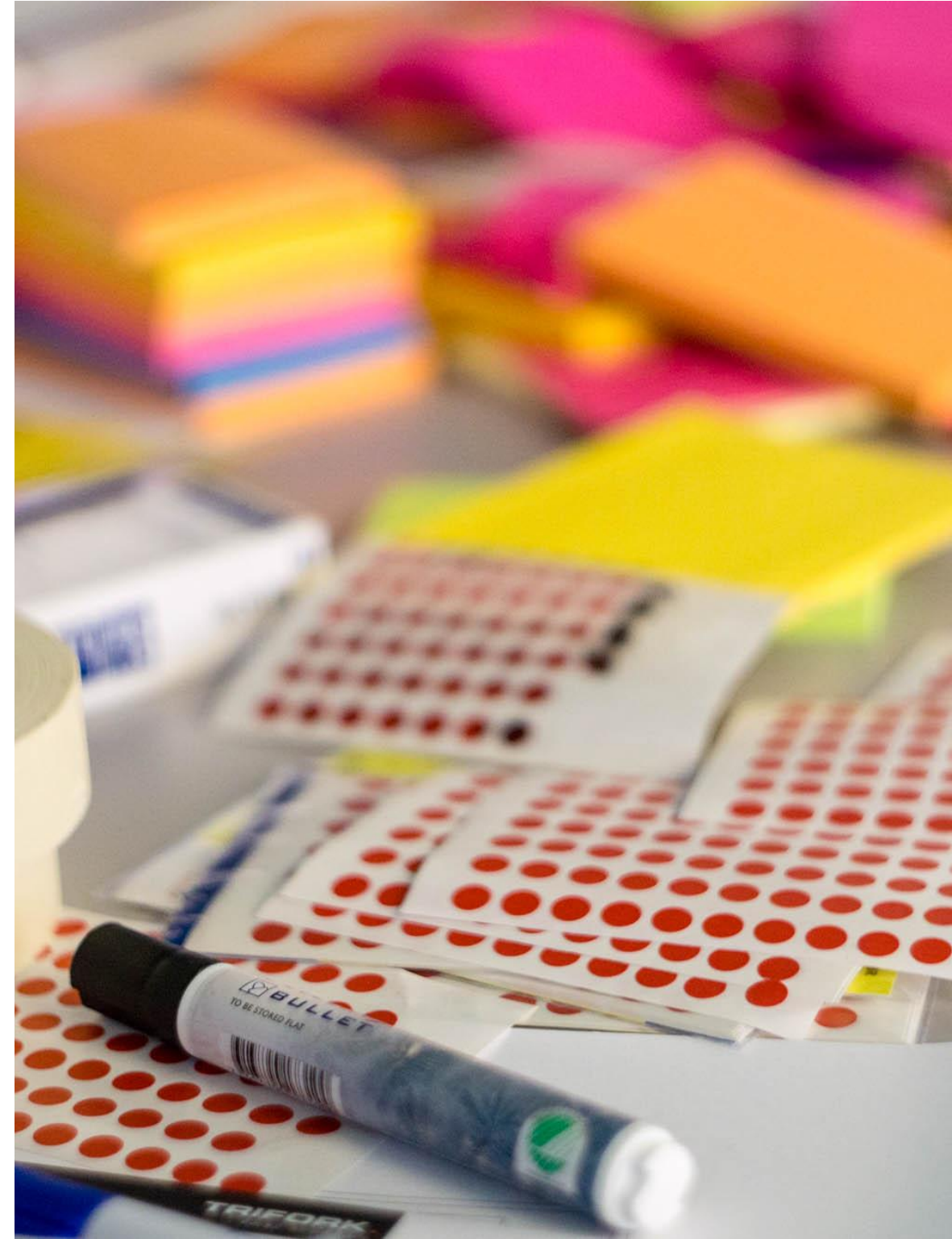# Who am i?

Niels Jakobsen
AP Degree in Computer Science
iOS/Android Developer at Trifork

The Problem

Release Plan

Run tests
Build app
Send to Appstore Connect
Review
Release!

The Solution?

Automation

Ensures consistency
Forces good habits
Anyone can build
Enables CI

Fastlane

Mobile automation tool
Simplifies existing command line tools
Integrates with most communication platforms

Introducing the Fastfile

```ruby
lane :beta do
  increment_build_number
  build_app
  upload_to_testflight
end

lane :release do
  capture_screenshots
  build_app
  upload_to_app_store    # Upload the screenshots and the binary to iTunes
  slack                  # Let your team-mates know the new version is live
end
```

run_tests

Allows you to run both UI and unit tests
Has options for devices, code coverage and much else

build_app

One line build command with sensible defaults
Work well with sync_code_signing

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upload_to_app_store

Sends your app to App Store Connect

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Practical notes

Bundler is your friend
Always keep in mind what you are committing

Links

Fastlane:
    fastlane.tools

Presentation:
    https://github.com/ncjtrifork/Presentations/raw/master/
        Fastlane.pdf

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