Delivery Hero | foodpanda tech

Many Uses of React Storybook
When Building a React Component Library

By Aruna Herath, Fullstack Engineer

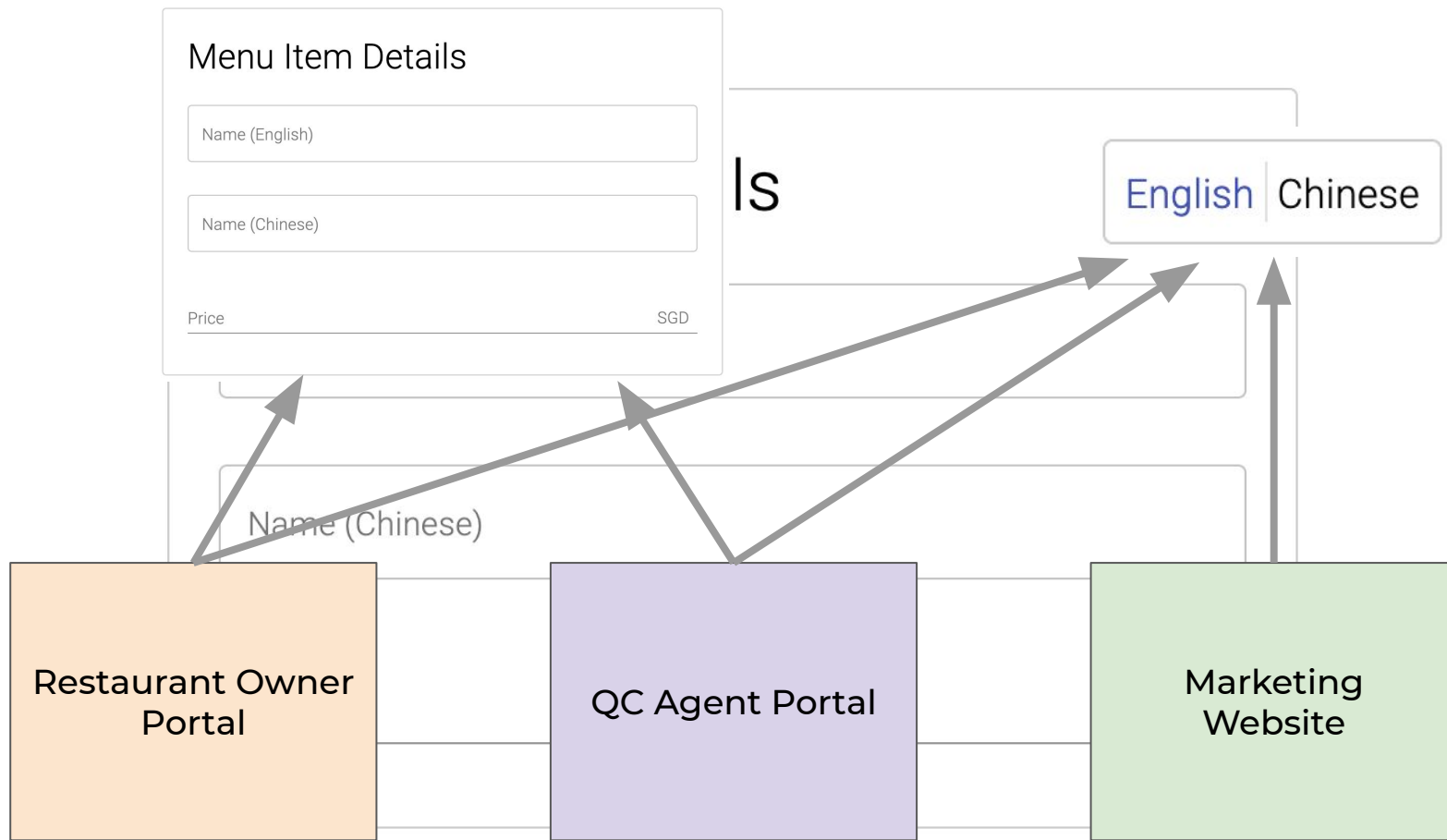# Aruna Herath

- Fullstack Engineer at foodpanda
- Part of the team that founded React Storybook back in 2016

- https://github.com/roonyh
- http://arunaherath.com/

Component Libraries

- Material-UI
- Ant Design
- Grommet

- Your Own One ?

Menu Item Details

Name (English)

Name (Chinese)

Price   SGD

English | Chinese

Name (Chinese)

Restaurant Owner Portal

QC Agent Portal

Marketing Website

Many uses of react storybook

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Your Own Component Library

- Sharable logic and branding
- Deploy with confidence
- Develop components in isolation

- Could be a separate repo and a separate package
  - Makes sense unless yours is a simple app
- Could be a directory in your app's repo

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- Develop UI components in isolation
- Initially as React Storybook but not React specific now
- Started out back in 2016 at **Kadira Inc**
- Most popular component explorer

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Many Uses

For the Library Developer
- Development Environment

For Managers / QA / Designers / Stakeholders
- ShowCase, Test and give feedback

For users (developers who use your library)
- Component Explorer
- Documentation

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Many Uses

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Developers

- Develop components isolated to the consumer app
  - Quickly go through all the cases
  - See the component with no additional steps
    - Log in and wait till data loads
    - Multiple clicks
  - Use the Actions addon to test the behaviour
  - Use the Viewport addon to test the responsiveness

- Case driven development

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Build Storybook

- Run the `build-storybook` script
- Push the generated directory to a static website host
- Share it with your stakeholders

- Profit

roonyh commented 7 days ago •

Adding the new `<StatusTag/>` component. Please take a look.

Storybook url ⬇️
https://fp-storybook.s3-ap-southeast-1.amazonaws.com/feature/status-tag-comp/index.html?path=/story/statustag--normal

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package.json

```json
"scripts": {
    "storybook": "start-storybook -p 6006",
    "build-storybook": "build-storybook"
},
```

deploy.sh

```bash
#!/bin/bash
yarn run build-storybook --quiet
aws s3 cp --recursive storybook "s3://my-components-lib-storybook/$TRAVIS_BRANCH" --acl public-read
```

travis.yml

```yaml
jobs:
  include:
    - stage: Unit Test
      <<: *unitTests

    - stage: Deploy Storybook
      deploy:
        - provider: script
          skip_cleanup: true
          script: bash scripts/deploy.sh
          on:
            all_branches: true
```

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Managers / QA / Designers

- Stress test components with knobs addon
- Provide feedback

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Thank you!

Q & A

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- **Senior Frontend Engineer, APAC**
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