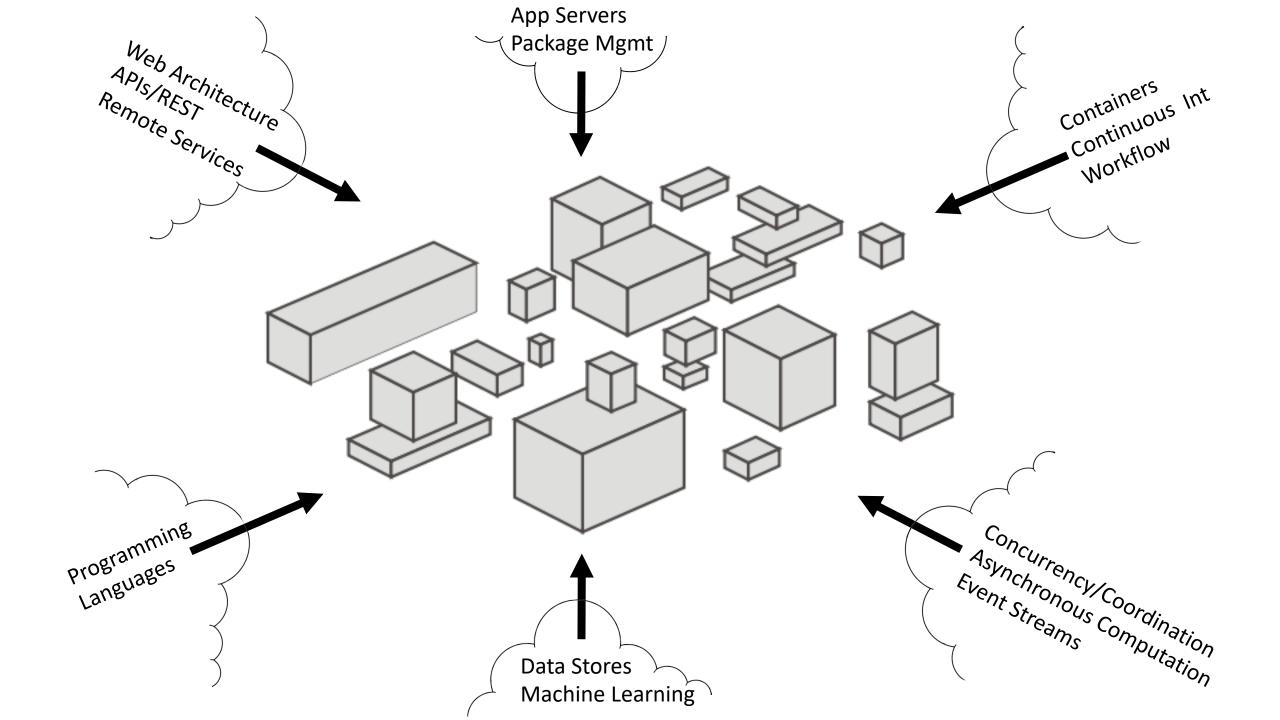
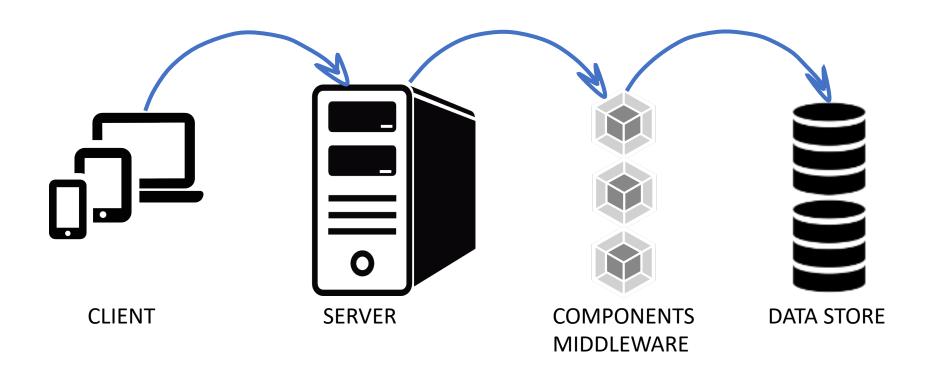


# N-Tier Systems

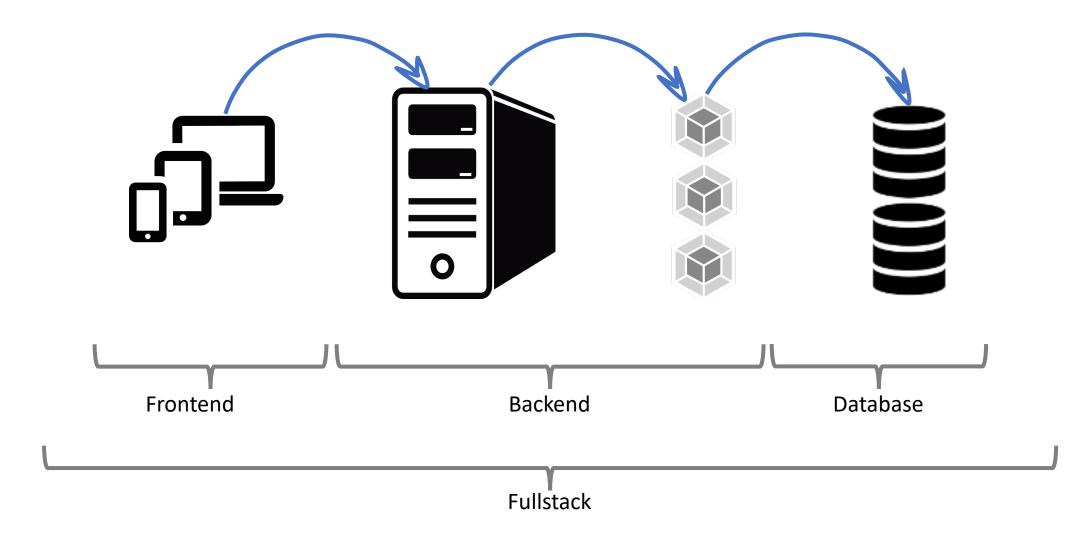
Abel Sanchez, John R Williams



#### Three Tiers – Practical Handle



# Fullstack



# **FRONTEND**





















#### Frontend



## The core components – the building blocks





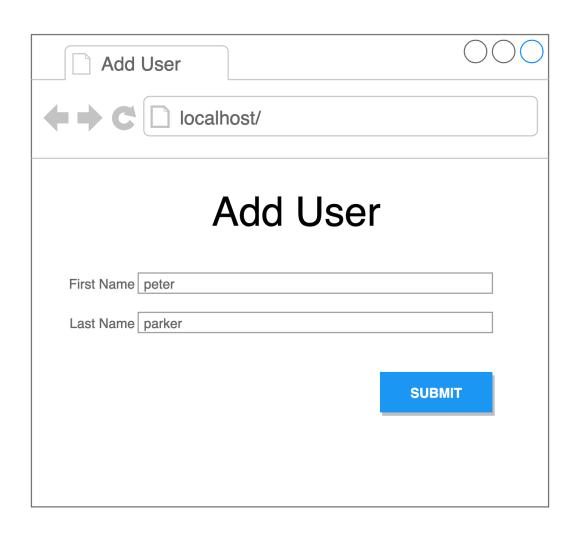


# HTML

# Tags

- Plain text
- Heading
- Paragraph
- Image
- Link

#### Forms

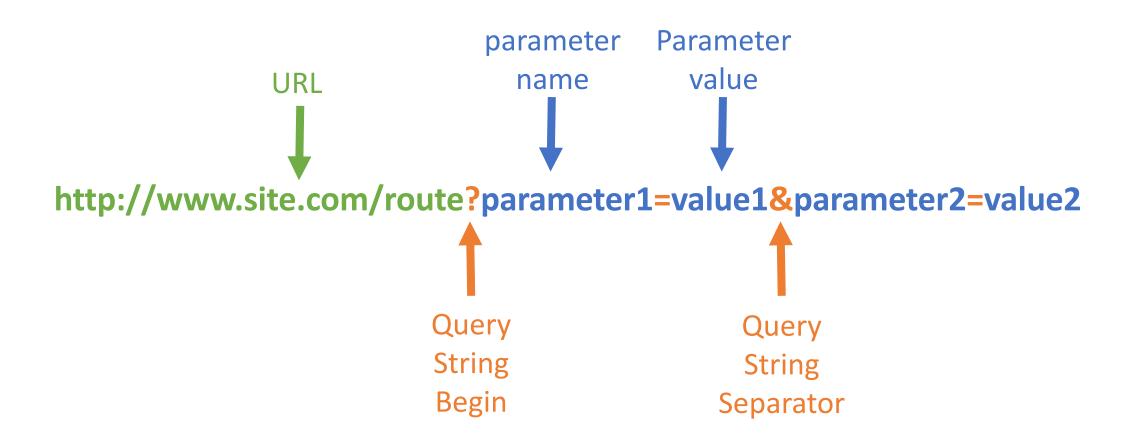


### Form components

#### Server side

```
inspect = {}
inspect['args'] = request.args
inspect['form'] = request.form
inspect['values'] = request.values
inspect['first'] = request.form['first']
inspect['last'] = request.form['last']
return jsonify(inspect)
```

# **URL Query String**



#### Server side

```
inspect['args'] = request.args
```



#### **Buttons**



# Styling by hand is too hard



https://getbootstrap.com/

#### Menu

