

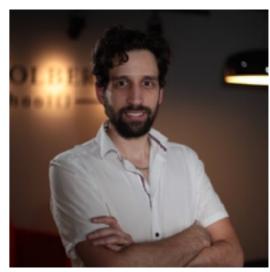
#### Thanks to our mentors



Kaelig Deloumeau-Prigent Shopify



Guillaume Plessis
TextMe



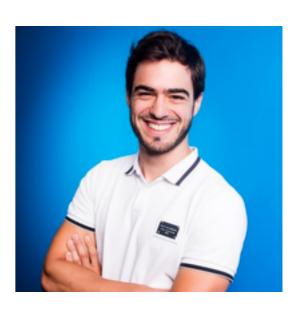
Rudy Rigot
Salesforce



Krishan Punia
Gerber Technology



**Emmanuel Turlay** *Instacart* 



**Sylvain Kalache** *Holberton School* 

#### TECHNOLOGY





































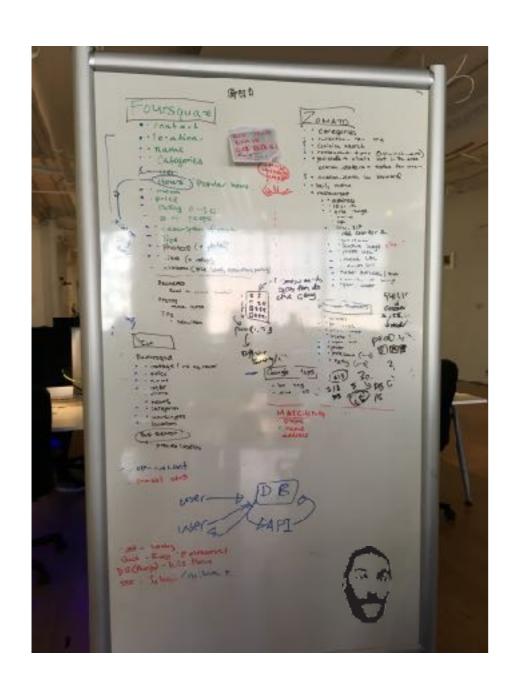


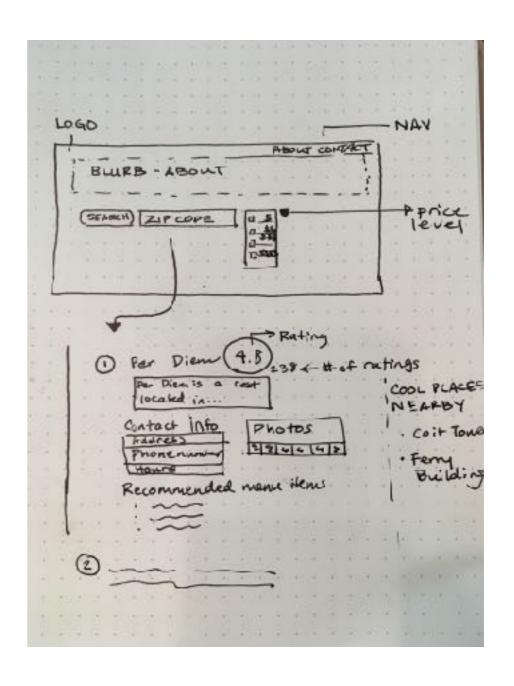




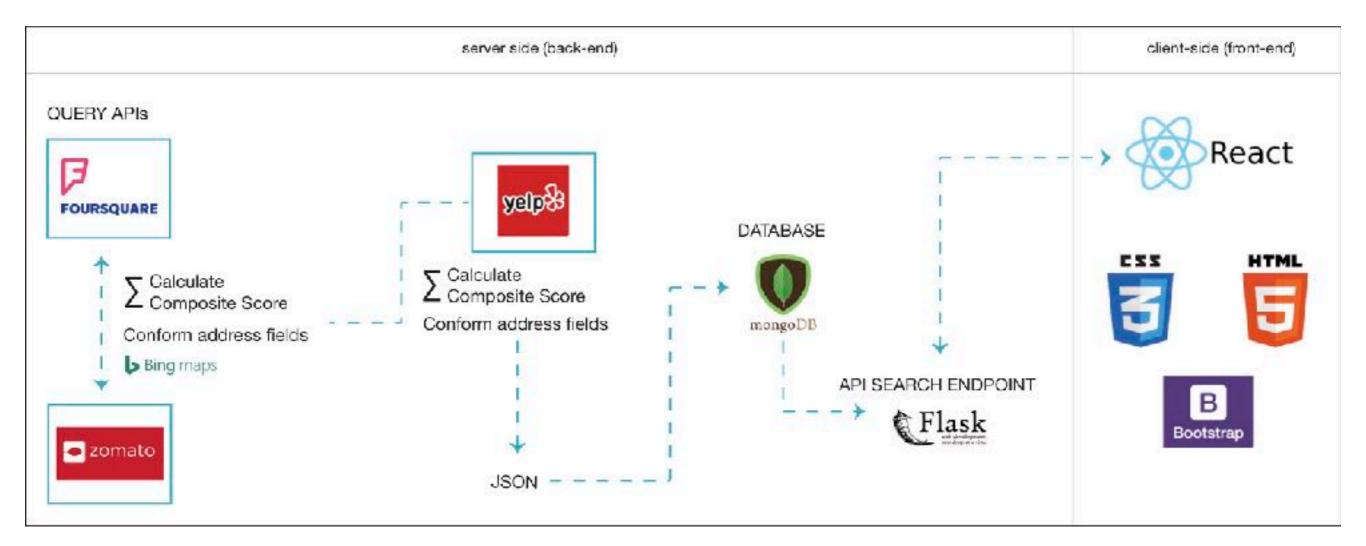
**gunicorn** 

# PATH TO MVP





# DATA FLOW



#### COMPOSITE SCORE





$$\frac{1}{300} \left( \frac{0.7 \times 100 + 0.8 \times 800}{100 + 800} \times 1.7 + 0.6 \times 1.3 \times 300 \right) \quad \frac{\frac{3.5}{5} \times 1.4 \times 214 + \frac{7.4}{10} \times 1.45 \times 59 + \frac{3}{5} \times 1.15 \times 2}{1.4 \times 214 + 1.45 \times 59 + 1.15 \times 2}$$

$$\frac{\frac{4.5}{5} \times 1.4 \times 4604 + \frac{8.9}{10} \times 1.45 \times 391 + \frac{4.4}{5} \times 1.15 \times 761}{1.4 \times 4604 + 1.45 \times 391 + 1.15 \times 761}$$

## AUTOMATION

#### **CRON JOBS** (Min hour DOM month DOW)

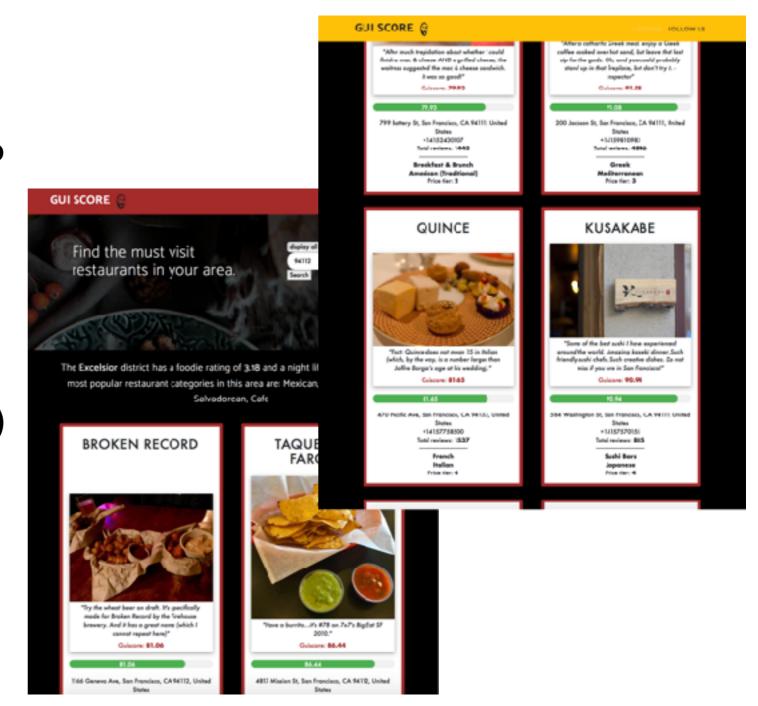
30 12 \* \* \* /www/Gui/backend/zomato\_tips.py > /www/Gui/logs/query\_api.log 30 12 \* \* \* /www/Gui/backend/database.py >> /www/Gui/logs/query\_api.log

#### INSTALL + DEPLOYMENT SCRIPT

```
s git:(master) cat install_packages.sh
#!/usr/btn/env bash
F Installs aginx on my web server
cd /www
sudo git clione https://github.com/kjowong/Gui.git
sudo opt-key adv --keyserver hkp://keyserver.ubuntu.com:80 --metv 8048F3738359A14513559315C7L1F9EA15703C6
echo "deb [ archwani$4 ] http://repo.mongodo.org/apt/ub.ntu trusty/mongodo-org/3.4 multiverse | L sudo tee /etc/apt/spurces.list.d/morgodo-org/3
.4.11st
sudo apt-get -y update
suda opt-get install -y mongodo-org
sudo apt-get -y upgrade
sudo apt-get -y install ngina
sudo service nginx start
sudo service mongod start
sudo opt-get install -y python-setuptools
sudo easy_install pip
sudo opt-get install -y python3-pip
sudo apt-get install -y python-pip python-dev nginx
sudo pip install pymongo
sudo pipš install pyzomoto
sudo pip3 install geopy
curl -al https://deb.nodesource.com/setup_8.x | sucb -E bosh -
sudo opt-get install -y nodejs
sudo nem install nom -g
npm install --sove-dev babel-core babel-loader babel-plugin-transform-class-properties babel-preset-react ass-loader style-loader url-loader fi
le-Inoder websock
rpm install --save react react-dom bootstrap
rem install -- sove react@ri6.8.8 react-dom@ri6.8.8
npm install --save-dev babel-cli
rpm run build
sudo pip3 install Flask
sudo opt-get update
sude opt-get install -y python python-pip python-virtualeny nginx guniconn
pip3 install flask-cors --upgrade
sudo opt-get install =y supervisor
sudo sed "s#root /usr/share/nginx/html;#root /www/Gur/dist;" /etc/nginx/sites-ensbled/default
sudo sed -i "41i \ \tlocation /apl [ rexrite /apl(.*) /$i | break; proxy_set_header X-Forwarded_For $proxy_add_x_forwarded_for; proxy_set_header
Nost Shttp_host; proxy_poss http://api; }* /etc/nginc/sites-enabled/default
sudo sed =1 "191 upstreom apl { /tserver 0.0.0.0:5000;
}" /etc/ngins/sites-enabled/defoult
sudo echo "[program:flask.project] command = gunicorn search:app -b localhost:5888 directory = /www/Gut/web_flask user = ubuntu" | sydo tee -a
/etc/supervisor/conf.d/myproject.conf.
sudo supervisoreti neread
suda supervisanct1 uadate
sudo supervisoratl start flask project
sudo service nginx restart
```

## PAIN POINTS

- Consistency across APIs
  - Pricing tiers
  - Attributes to match on (what to standardize)
- React learning curve
  - Control components (compartmentalized)
  - Props states (how data is passed with Inverse Data Flow)
- CSS (Desktop/Mobile)
- Working Remote



## FUTURE GOALS

- User authentication
  - Caching data
  - Integrate relational database (Postgres)
- More automation
  - Setup replication in database
- More search categories (restaurant categories Italian, gluten-free, vegetarian, etc.)
- Ability for user(s) to multi-select price tiers
- Break down code into more modules with use of classes.
- Searchable with any ZIP CODE
- More data outside of San Francisco