

Launching your Tech Career with MuleSoft: Skills, Opportunities & Growth

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menti.com

use code:

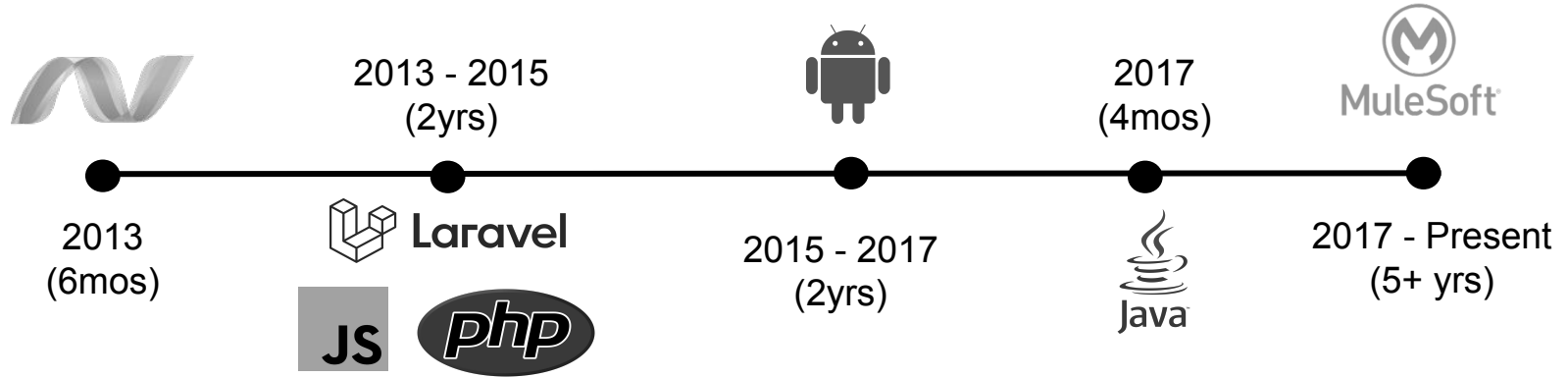
6278 7520



Hi, I'm @AjDeGuzman!

- mulesoft developer
- 9+ yrs IT industry
- 2 yrs in academe

Tech Skills Journey



API Integration

Internet of Things (IoT) Integration

Software Integration

Mobile Apps Integration

(Any) Integration

“Anything that can be
connected, will be
connected.”

API Integration

API

application programming interface

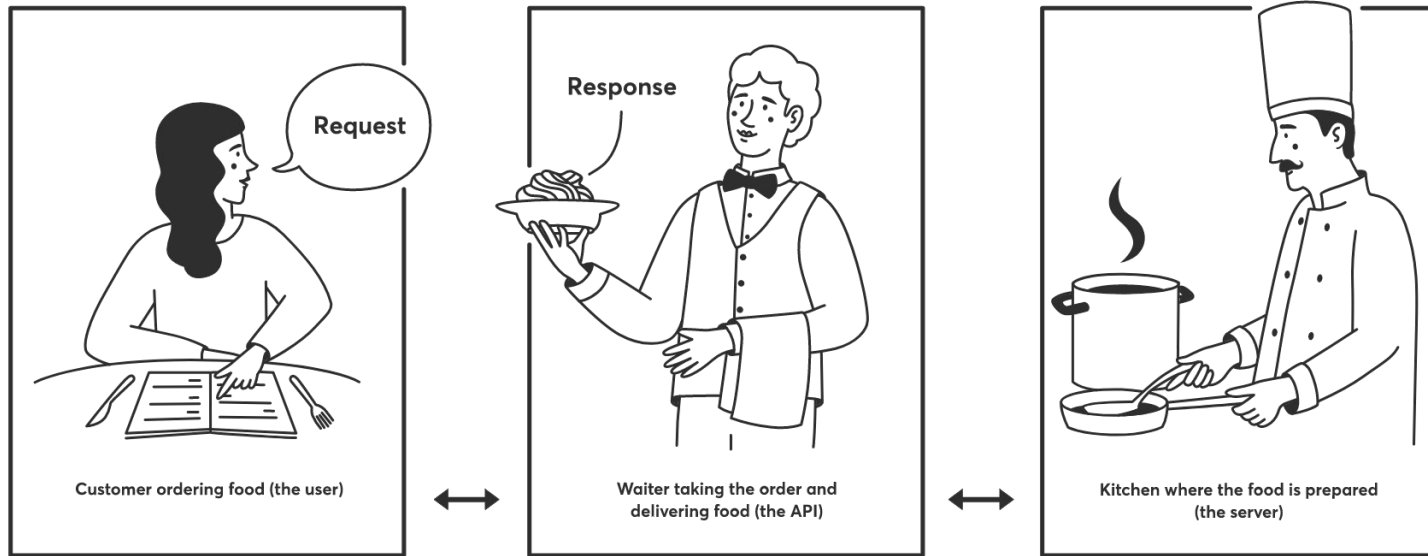
API

a way to communicate

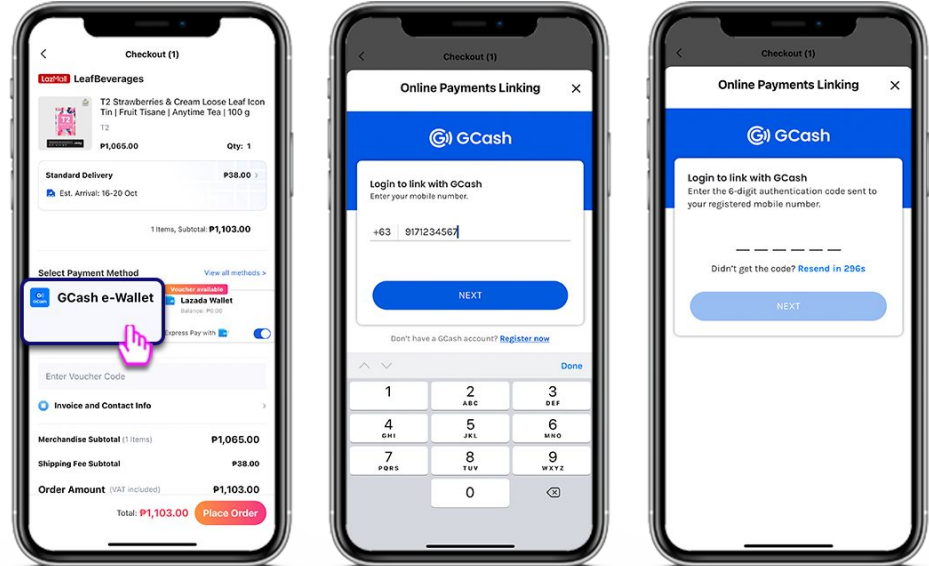
API

it is everywhere

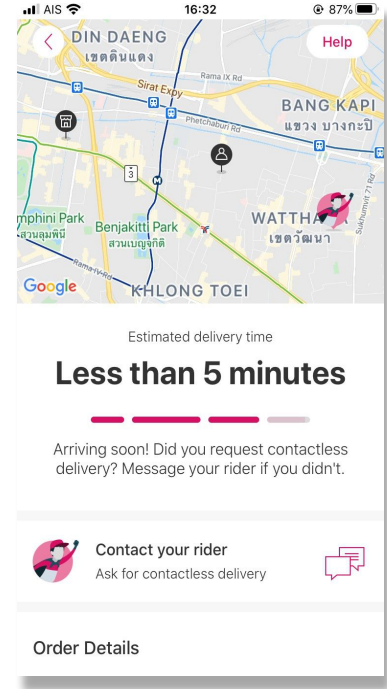
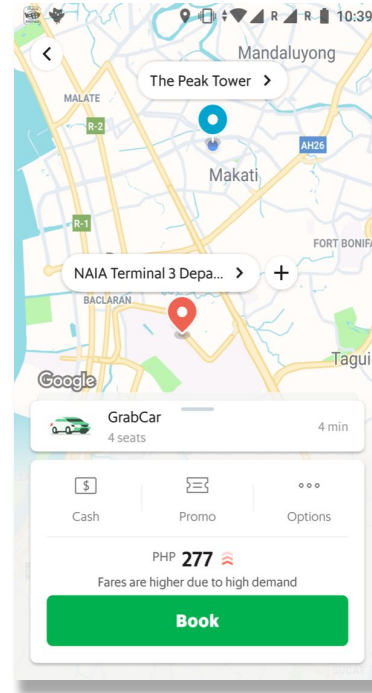
API RESTAURANT ANALOGY



API Integration



API Integration



API Lifecycle

API Lifecycle

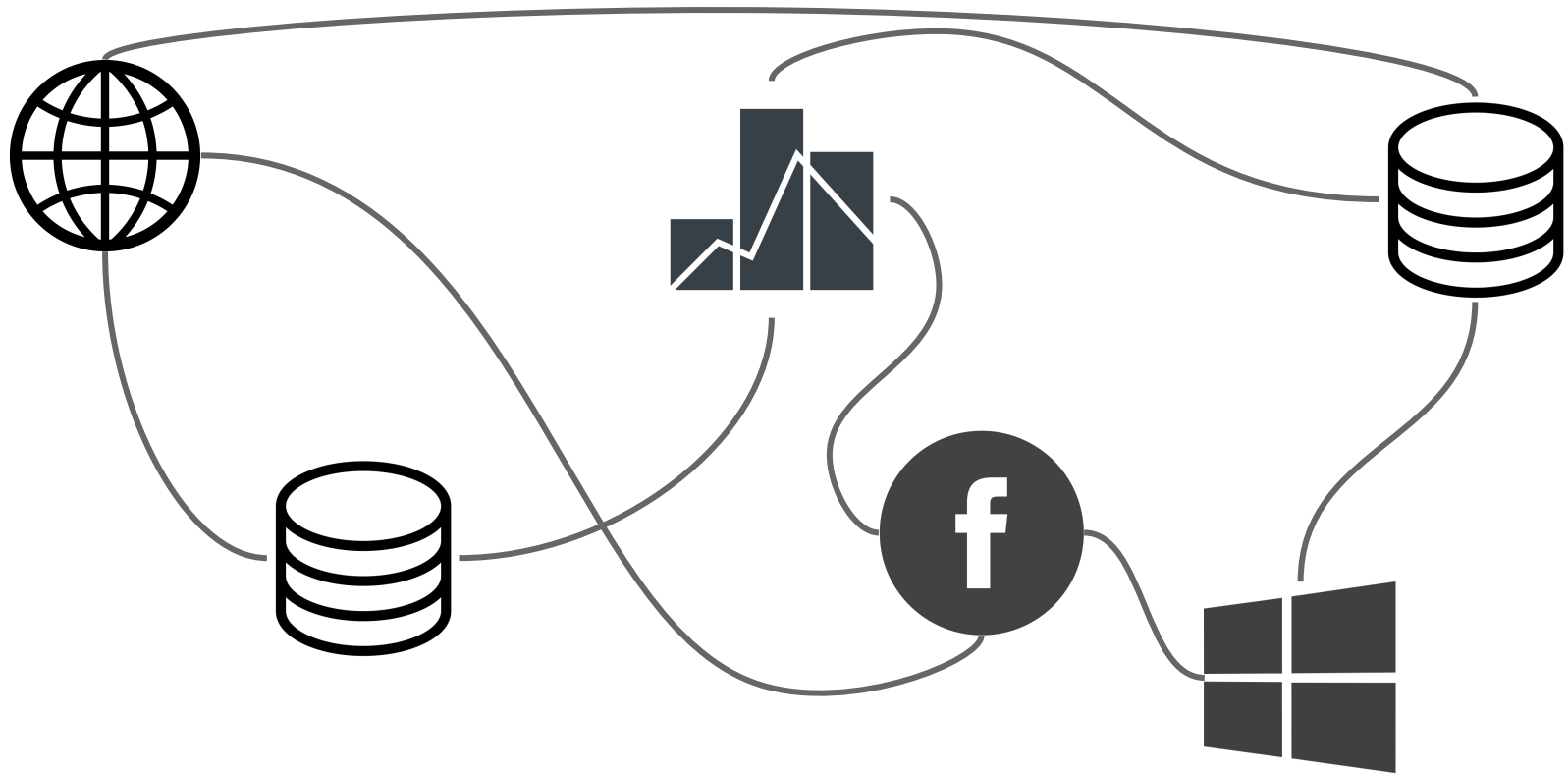
design > dev & test > deploy > manage

Integration

so... what are we trying to solve here?

Point-to-point Integration

Complexity with Point-to-point Integration





Single Connectivity Platform



What is MuleSoft?

What is MuleSoft's
Anypoint Platform?

Anypoint Platform

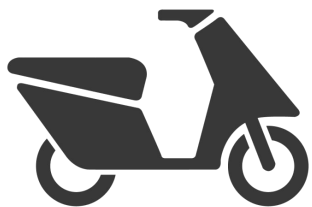
- API Designer (Designing APIs)
- Anypoint Studio (Building & Testing APIs)
- Runtime Manager (Deploying API)
- Anypoint Exchange (Sharing APIs)
- Anypoint Monitoring (Monitoring API)

Integration

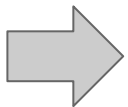
api > mulesoft > anypoint platform

API Design

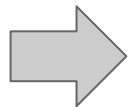
API Design



ANGKAS



API



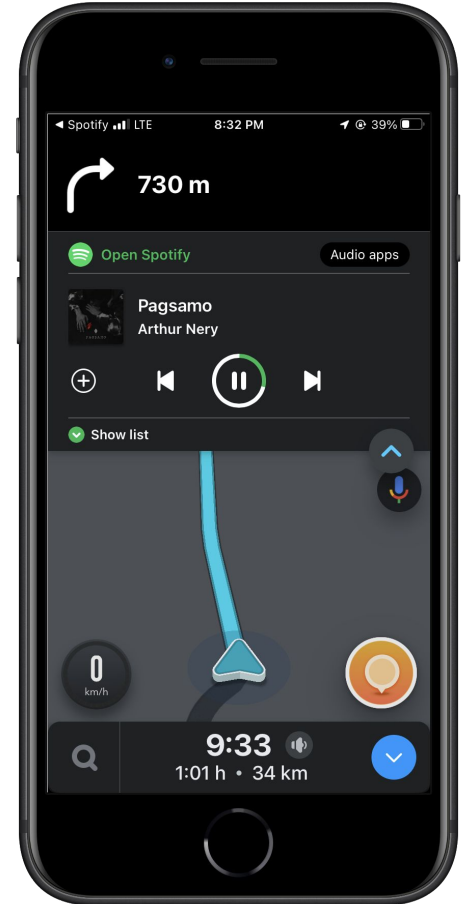
Google Maps

- Geocodes
- Distance
- Places

API Design



- Retrieve Albums
- Retrieve Artists
- Retrieve Liked Songs

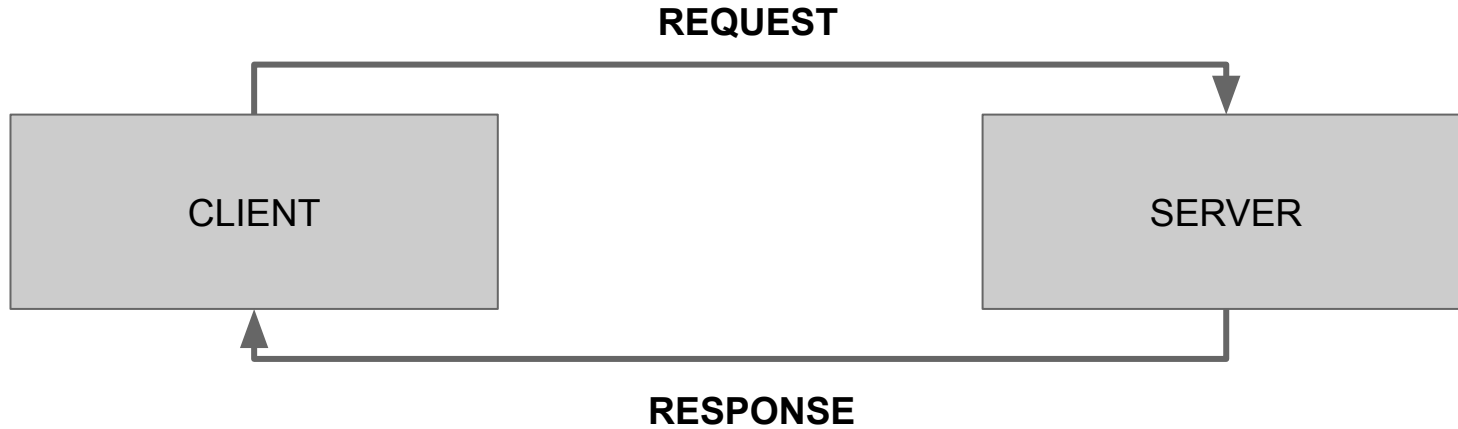


Recap:

- Integration
- API
- API Lifecycle
- MuleSoft Anypoint Platform
- API Design
- RAML - API Designing Language



HTTP Basics



HTTP Verbs

POST - Create

GET - Retrieve, Read

PUT - Update, Replace

PATCH - Update, Modify

DELETE - Delete, Remove

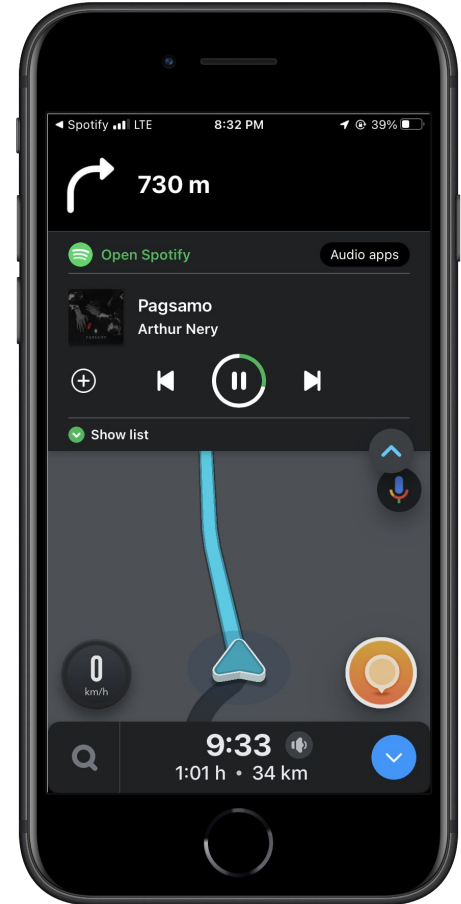
HTTP STATUS CODE

200	- OK
201	- Created
400	- Bad Request
401	- Unauthorized
404	- Not Found
500	- Internal Server Error

API Design



- Retrieve Albums
- Retrieve Artists
- Retrieve Liked Songs

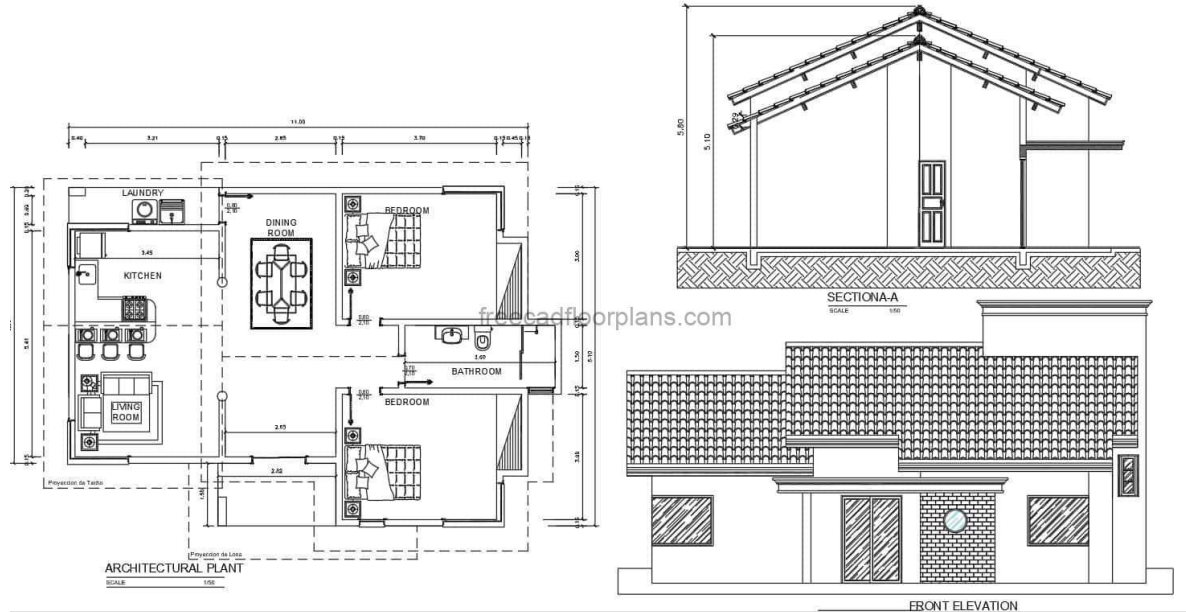


RAML

RESTful api modeling language

RAML

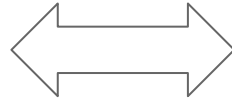
...your API's Blueprint



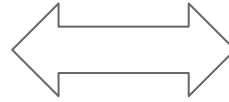
RAML

```
1  #%RAML 1.0
2  title: JobAPI
3  baseUrl: http://allItJobs.com
4  mediaType: application/json
5  types:
6    job: !include datatypes/Job.raml
7
8  /jobs:
9    get:
10      headers:
11        Accept:
12      responses:
13        200:
14          body:
15            type: job[]
16    post:
17      headers:
18        Content-Type:
19      body:
20        job
21      responses:
22        201:
```

Integration Scenario



API



- Word Definition
- Synonyms
- Antonyms

Anypoint Platform

- API Designer (Designing APIs)
- Anypoint Studio (Building & Testing APIs)
- Runtime Manager (Deploying API)
- Anypoint Exchange (Sharing APIs)
- Anypoint Monitoring (Monitoring API)

<live demo>

What's next?

Continue Learning

<https://training.mulesoft.com>

<https://help.mulesoft.com/s/forum>

<q&a>