

# OLIVER ALMALEL

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## >> Skills

### Front End

Architecting and scaling applications with **React**, **Redux**, **Apollo + GraphQL**, **Babel**, **Webpack**, **HTML5**, and **CSS3/SASS**

### Back End

Designing database schemas and fast API endpoints with **PostgreSQL** or **MongoDB**, **Express.js**, **Mongoose.js**, **Apollo-Server**, and experienced with **Ruby on Rails**, **AWS S3** and **Lambda**.

### Testing

**TDD Unit Testing** via **RSpec** for Ruby on Rails, **Jest + Enzyme** for React projects, **Mocha**, **Chai**, **Jasmine** for anything else.

## >> Experience

### App Academy - Technical Instructor (Hacker in Residence)

Nov 2011 - Present

- Conduct rigorous technical interviews for applicants, testing algorithmic aptitude in Javascript, Python, and Ruby.
- Assess candidate abilities to work with other programmers and evaluate performance under high-stress conditions.
- Appraise qualitative aspects of potential students, gauging cultural fit and alignment with company values.

### Gourmet Coffee Service - Operations Manager (Micro Markets)

Dec 2011 - Nov 2018

- Spearheaded a new line of business (micro markets), building the department from 1 employee (myself) to a close-knit team of 10 which serviced the Great Los Angeles area in over 50 locations.
- Managed and trained employees and designed the SOP which grossed the department 7 figures in sales by the 8th running quarter, achieving it's ROI by the 3rd year--ahead of schedule
- Wrote applications in **VBA** that added features to our client-side **CMS** and in-house operations which increased/simplified communications and ultimately reduced waste of Fresh Consumables down to 6%--The regional average hovering at 15%

## >> Education

**Software Engineering - Full Stack Web Development - App Academy (July 2019)**

**B.A. - Multimedia Production - California State University - Northridge (May 2009)**

## >> Projects

**ETHER TECHNA** (Ruby on Rails, Postgres, JavaScript, React + Redux, HTML, CSS)

[Live](#) | [GitHub](#)

*A social journalism app inspired by Medium.com*

- Built custom text editor from scratch using **React** and **vanilla DOM JS** to provide an easy to use authoring experience
- Applied eager-loading of database data from **Rails** to **Amazon Web Services S3** to prevent excessive pull requests

**PINTRIGUE** (JavaScript, React + Redux, MongoDB, Express, HTML, CSS)

[Live](#) | [GitHub](#)

*A social aggregate app styled after Pinterest*

- Built with the **MERN** stack and **AWS S3**, image assets are hashed on the back end to give anonymity for uploaded content
- Utilized **React** to render **modal page forms** that guide users through the **Single Page App** with an intuitive **UI**

**JUST DECIDE** (GraphQL, Apollo, JavaScript, React, MongoDB, Express, HTML, CSS)

[Live](#) | [GitHub](#)

*Social voting app to help indecisive groups arrive at a decision*

- Employed **GraphQL** to resolve back-end queries from multiple tables into a single request, reducing fetches to the back end
- Leveraged **Apollo's memory cache** to store data across end-points, reducing extraneous back-end mutation

**PHARMACIST ZENNY (GAME)** (JavaScript, React, MongoDB, Express, HTML, CSS)

*Work In Progress* | [GitHub](#)

*Field puzzle game that emulates Nintendo's Dr. Mario*

- Designed with **OOP** principles, using **Vanilla JavaScript** that produces parseable, light-weight, reusable code
- Illustrated in game graphics with **HTML5's Canvas** to procedurally generate in-game sprites.