

# ARNAUD COGNARD

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[PORTFOLIO](#)

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## SKILLS

React, Redux, Ruby, Ruby on Rails, JavaScript, HTML, CSS, SQL, JQuery, Node.js, MongoDB, Git workflow.

Trilingual: English, French and Spanish.

## PROJECTS

**OSUNA** (Rails, React, Redux)

[live demo](#) | [github](#)

*A single-page tribute to Asana where users can create projects, create and assign tasks through their teams.*

- Improved efficiency by applying Active Records associations and filters, storing collections of IDs. This implementation reduces the backend calls, allowing to retrieve the data by ID on the frontend and following the normalized state shape.
- Implemented modal class (session, teams, projects) and reduced the number of containers in order to keep code DRY.
- Used local storage for users to join/create a team before signing up, avoiding backend calls at signup stage.
- Custom designed dropdowns using local state for a better user experience.

**CHICKEN TINDER** (Mongo, Express, React, Node.js)

[live demo](#) | [github](#)

*A single page app designed for groups to vote on a restaurant for their next gathering based on group location and filters.*

- Designed and implemented the voting page using React components, linking the backend data to the React components using the group information and selected businesses from the home page.
- Set up different modals, using Redux store for the login modal and state for the instructions for more efficiency.
- Designed a carousel for instructions using local state, JavaScript, HTML and CSS, resulting in more streamlined UX.
- Adapted the app design for Mobile version using Media Query and specific components allowing for responsive experience.

**C19 SIMULATION** (JavaScript, CSS, HTML)

[live demo](#) | [github](#)

*Basic JavaScript app simulating the effects of social distancing on different population densities*

- Applied Canvas to draw and render the simulation and the graph that resizes dynamically with the simulation.
- Built dynamic app with a slide bar feature, allowing the user to change the parameters (density and social distancing).
- Implemented custom algorithms for the bouncing effects.

## EXPERIENCE

**Business developer Spain / U.S. markets**

*Crossline Group*

March 2009 - December 2019

- Achieved rentability after the 3 first years in each country by generating a revenue of over \$4M, a margin 15% over target and controlling the costs. Specifically, keeping the claims / air shipments under 1.3% of the revenue every year.
- Created, trained and managed a cross department team of 8 members in 3 different countries (merchandising, quality, design) to adapt the organization to the new markets.

**Country Manager**

*Crossline Bangladesh*

February 2006 - February 2009

- Audited, reorganized and developed the Crossline Dhaka office and team (from 35 to 80 employees, French, Filipinos and Bangladeshis) to match the needs of the sales team in Europe.
- Improved the deliveries and quality of knit and woven items while increasing the production (from 12 to \$35M) and reduced the percentage of claims / air shipments by 30%.
- Improved and developed the suppliers pool by defining and implementing social, technical and organizational audits.

## EDUCATION

**App Academy** - Software Full Stack Web Development 1000-hour Course, San Francisco, CA

**SKEMA** - Master's Degree, Business Administration and Management, Lille, France