Marcos Aravena

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Languages: English C1, Native Spanish LinkedIn

EDUCATION

Academlo Graduated April 14, 2023

Full Stack Web Development

Metropolitan Technological University Graduated December 2003

Industrial Civil Engineering

MAIN WEB DEVELOPMENT PROJECTS

Random Users Cards June 2014 – July 2016

First application created with React, which allows selecting a user randomly. The React Cards component allows, with the click of a button, to change both the user and the colors of the interface.

- The functionality of this application is based on the use of React components, along with the useState Hook to manage state variables.
- The application's styling was implemented using traditional CSS and Flexbox layout properties.

Cocktails App January – July 2015

This is an API consumption application. It uses the CocktailDB API to display a list of drinks and filter by cocktail name.

- React's useState Hook is used to manage state variables.
- The UseEffect Hook allows handling, via Axios, of GET requests to the *CocktailDB* API.

Admin Dashboard July – December 2015

Admin Dashboard is an application that displays an administration panel with various functionalities. It is developed using React and makes use of MUI library for styling and routing handling with react-router-dom.

- The Material-UI library allows applying the stylized and predefined components to the dashboard.
- With react-router-dom the management of the routes and navigation of the different views of the app is achieved.
- Through CssBaseline, a Material-UI component, CSS styles were reinitiated.
- The different charts were integrated thanks to the Nivo data visualization library.

Ecommerce March 2014 – July 2015

This ecommerce application uses React along with react-router-dom and Redux to create a dynamic user interface with protected routes. It offers different reusable pages and components to display products, product details, purchases made, and login.

- The code imports several Redux slices that represent different portions of the application state. Each slice defines a set of actions and a reducer that manipulates the corresponding state. Imported slices include loader, products, favorites, and cart slice.
- React Router generates routing and navigation between different application pages, allowing for a smooth user experience and dynamic loading of components based on specified routes.
- React Bootstrap is used for the application's responsive design implementation, providing predefined components and CSS styles for a visually appealing appearance and consistent user experience.

Node.js Movies API September 2013

This code provides an API for managing movies, where a user can perform operations such as create, get, update, and delete movies, as well as set the genres, actors, and directors of each movie.

- Node.js provides the runtime environment to execute JavaScript code on the server. Express.js is a web framework that simplifies the creation of routes and the handling of HTTP requests and responses. Sequelize is a Node.js library that facilitates interaction with a relational database, in this case, it is used to define the data model of the movies and perform operations on the database.
- The Supertest library is also used to perform integration tests in the movie API. Supertest allows for sending simulated HTTP requests and making assertions on the responses received. Testing is done to verify the functionality of creating,

getting, updating, and deleting movies, as well as setting genres, actors, and directors for a movie. Tests are executed using the Jest test framework, which provides a robust test environment and makes it easy to write and execute test cases.

WORK EXPERIENCE

CADES - FORPE Foundation
Training Center

Santiago, Chile
August 2011 - Present

Logistics Instructor

- ▪ Design appropriate training programs for the continuous advancement of the learning process in the areas of Logistics, Operations and Business Administration.
- ▪ Carrying out tests and practical workshops for performance evaluation.
- ▪ Use of available resources and methodologies to promote the emergence of strengths in students.
- ▪ Coordination of work practices in the field of logistics and business administration.

Pelican Bay Foundation

Naples, Florida, USA.
October 2009 - May 2011

Commercial and Project Manager

- ▪ Development of the management plan to incorporate a new system of costs and high-impact projects in the Foundation, channeling financial strategies that allowed increasing net income to the Real Estate Complex.
- ▪ Lead, together with the company's sales team, the technical and commercial aspects to improve the bidding proposals for events for corporate clients.
- ▪ Carry out relationships with suppliers to achieve more competitive prices in the different commercial requirements of the Foundation.

Consolidated Companies Food Service

Harahan, Louisiana, USA.
October 2006 - August 2009

Logistics and Storage Coordinator

- ▪ Development of a training plan for forklift operators, describing procedures, manuals for the use of machines and safety measures to protect.
- ▪ Implementation of a program for assigning work orders to operators, managing truck departure times and worker productivity.
- ▪ Control inventory and movement of merchandise derived from production processes and deliveries.

SKILLS

PROGRAMMING LANGUAGES

JavaScript
Python
Ruby on Rails

TECHNOLOGIES

HTML, CSS, JQuery, Express, SQL, Postgres, Git, Amazon Web Services (AWS), Heroku, Unix/Bash