NICOLA LANZILLOTTA

Developer | Gamer | Cool Geek

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SKILLS

JavaScript, React, Redux, Flux, Jest, Mongoose, MongoDB, Node.js, Yarn, Express.js, Ruby, Ruby on Rails, RSpec, SQL, SQLite3, PostgreSQL, Webpack, jQuery, AJAX, Git, HTML5, CSS3, Sass, Bootstrap, Heroku, Google Firebase and AWS.

PROJECTS

Apollo | *(Node.js, MERN Stack Project)*   **Live** | **GitHub**

A single-page eCommerce platform where users can review and rate different products, and go through the full checkout process.

- Worked with MongoDB to manage the database and Mongoose for Object Data Modelling (OMD), whilst creating the backend with Express, managing global state with React/Redux and managing packages with Node.js (MERN Stack process)
- Implemented local strategy for user authentication using BCrypt for password hashing, JWT for authentication (JSON Web Tokens), and custom authentication middleware
- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, allowing users to only access and make changes to their own cart and orders when logged in
- Integrated the PayPal API and designed a full featured shopping cart with PayPal and credit/debit card payments
- Utilized React-Bootstrap UI (User Interface) library to gain control over the form and function of accessible-by default components and improving usability

Nickflicks | *(React/Redux, Google Firebase Firestore, Full Stack Project)*   **Live** | **GitHub**

A Netflix clone built using React (Custom Hooks, Context), Firebase and Styled Components, where users arrive at the homepage containing important information, they can sign in/sign up, and enter the browse page to watch films and series, also containing description, rating and video player.

- Utilized Redux architecture's unidirectional data flow with React for predictable state and reliable DOM rendering
- Created custom SQL queries and reduced server load through the utilization of Google Firebase Firestore associations to extract data from multiple tables in a single query
- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, allowing users to only access the browse when logged in
- Recorded user activity using React Router to create a seamless user experience during authentication process and app navigation
- Introduced improvements in efficiency and complexity to the architecture of Netflix's current stylesheets through the use of Styled Components which removes the mapping between components and styles

ActiveRecord-Lite | *(Ruby, SQL)* | **GitHub**

A lightweight Object-Relational Mapping tool to persist state in Ruby, inspired by ActiveRecord.

- Utilized Object Relational Mapping (ORM) patterns to construct SQL queries via metaprogramming
- Built an interface with sqlite3 to save changes to a database

EXPERIENCE

Software Engineer

Freelancer   Apr 2020 – Present

I am a Software Engineer with a background in JavaScript/React.js and Ruby on Rails. Beyond code, I am a gamer, a guitar player, and searching for knowledge. I love web development because I get to build incredible things, being hands on the full app's development process.

I recently completed a 12 week course at App Academy, an intensive, full-stack web development program that focuses on Ruby on Rails, JavaScript and React.js, and currently looking for a new job opportunity which will allow me to grow and develop my skills even further.

Recruitment Resourcer

Fircroft, Warrington   Sep 2018 – Apr 2020

- As a 180 degrees Resourcer (only working with current customers), I was able to bring 2 new customers to the business starting with entry-level roles, and upon delivering great results, I secured the opportunity to work on high-level roles
- I was part of a team of discipline specific consultants covering a wide variety of Engineering contracts
- Focused on disciplines such as: Drilling & Completions, Mechanical, Electrical, Instrumentation & Controls, Process, Subsea, Commissioning, Construction and Project Engineering, as well as permanent vacancies for Oil & Gas Operators, EPC Companies & Consultancies across Europe, CIS, Middle East & Africa regions

Regulatory Affairs Lead

Telefonica, Venezuela   Oct 2016 - Sep 2017

- Ensure timely compliance with the regulation, with the least impact for the company, enhancing the monetization of services
- Development of communication strategies before the regulator
- Coordinate, analyze and integrate reports for submission to state regulatory agencies
- Audit, analysis and presentation of the commercial offer (prices) of the company to the different government entities, as well as the preparation of any amendments for audit purposes
- Preparation of economic analysis to support the different initiatives of the company before the regulatory entity

Category Lead

Telefonica, Venezuela   Oct 2014 – Oct 2016

- Effectively and efficiently manage the purchases of the products/services of each area within its business line by applying negotiation techniques
- Conduct bidding processes with national suppliers contained in Telefonica's Database
- Improving specifications, searching for alternative proposals
- Use of SAP/R3 MM (MaterialsModule) and Adquira Ariba Buyer (ACM) purchasing systems, in order to achieve the best possible conditions, both in price and quality
- Manage and close negotiations in local currency due to exchange control

Buyer & Marketing Coordinator

Proelca, Proteccion Electronica, Venezuela   Nov 2012 – Oct 2014

- Budget request and preparation of Purchase Orders for national and international merchandise, according to requirements of the Operations Department
- Management of import process. Sencamer: certification of tariff codes for the products to be imported; Cencoex: application for foreign currency for the import process, as well as continued participation in SICAD I and II; Milco: request for a Certificate of No Production
- Follow-up the import process, from cargo's departure, until its nationalization and subsequent reception at Proelca's offices
- Merchandise entry in Profit Plus system, for later billing and sale

EDUCATION

Software Engineer – AppAcademy*, Remote, 2020*

- *AppAcademy is a 1000-hour immersive full-stack web development intensive with <3% acceptance rate*
- *Emphasis on code quality, design patterns, TDD, and pair programming*

MSc. In Finance – Instituto de Estudios Superiores de Administracion (IESA)*. Caracas, Venezuela, 2014 - 2016*
BSc. In Business Administration – Universidad Catolica Andres Bello (UCAB)*. Caracas, Venezuela, 2006 - 2011*